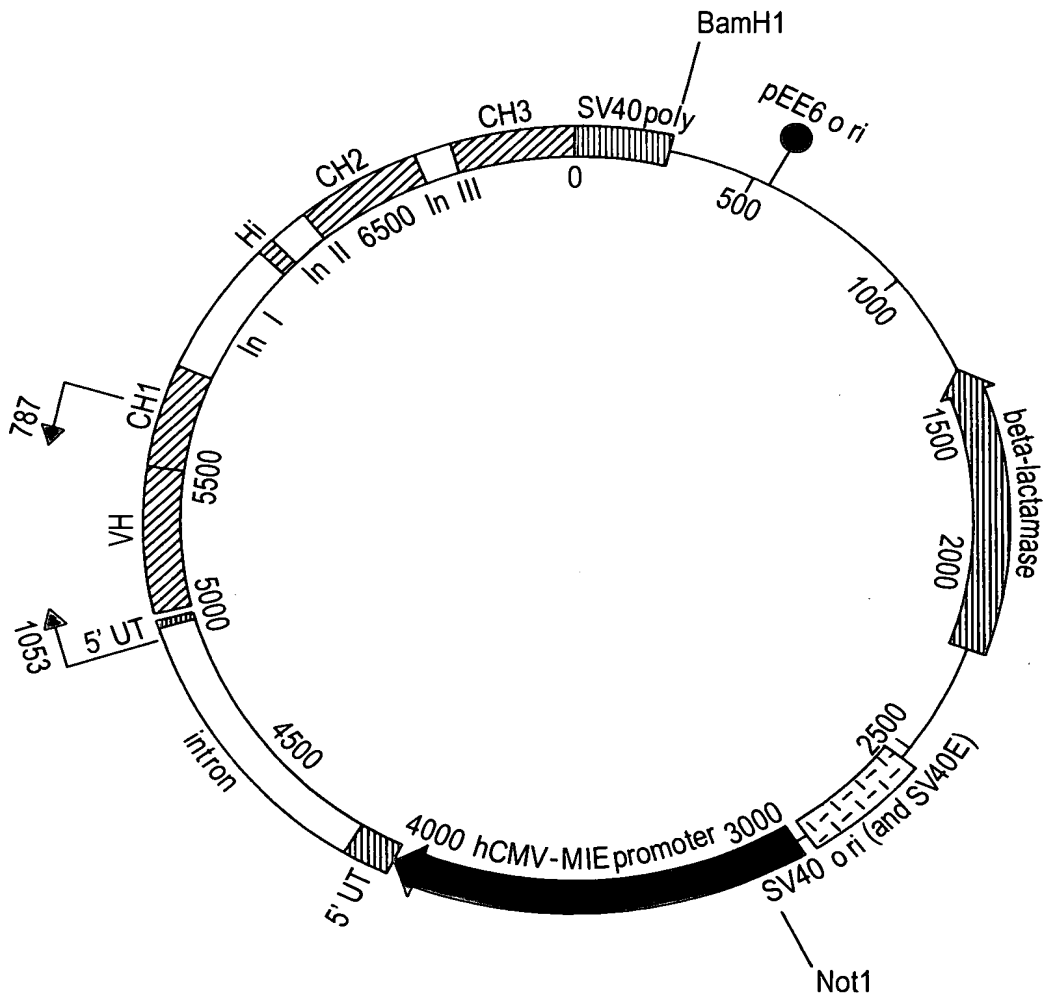


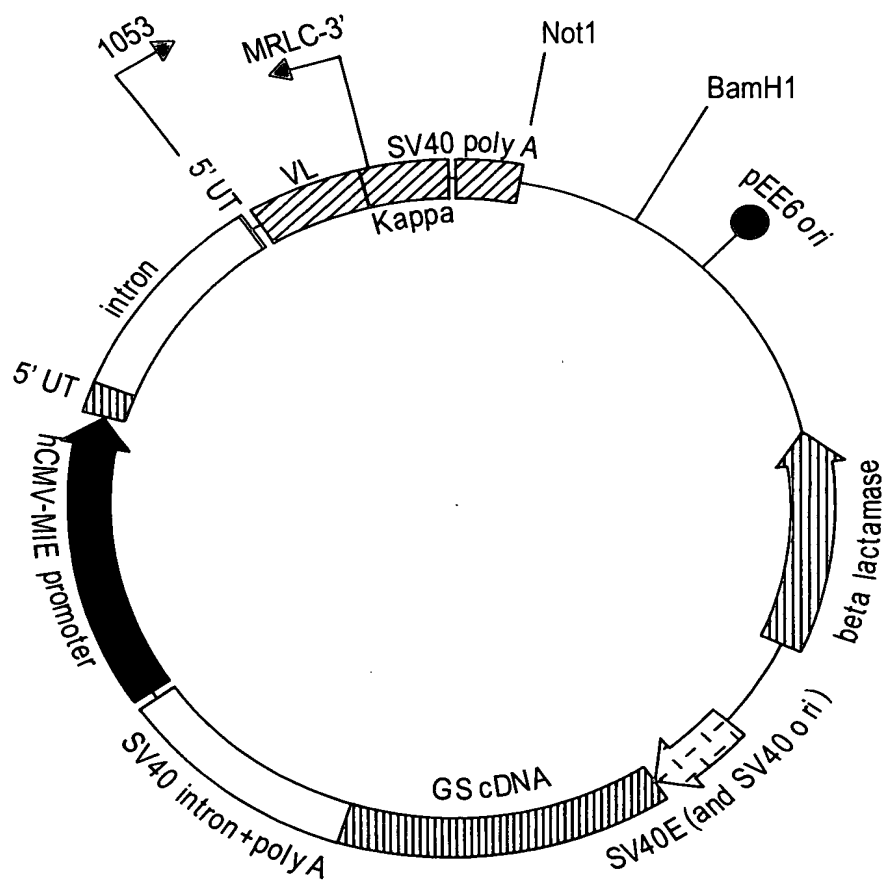


1/65



*Fig. 1*

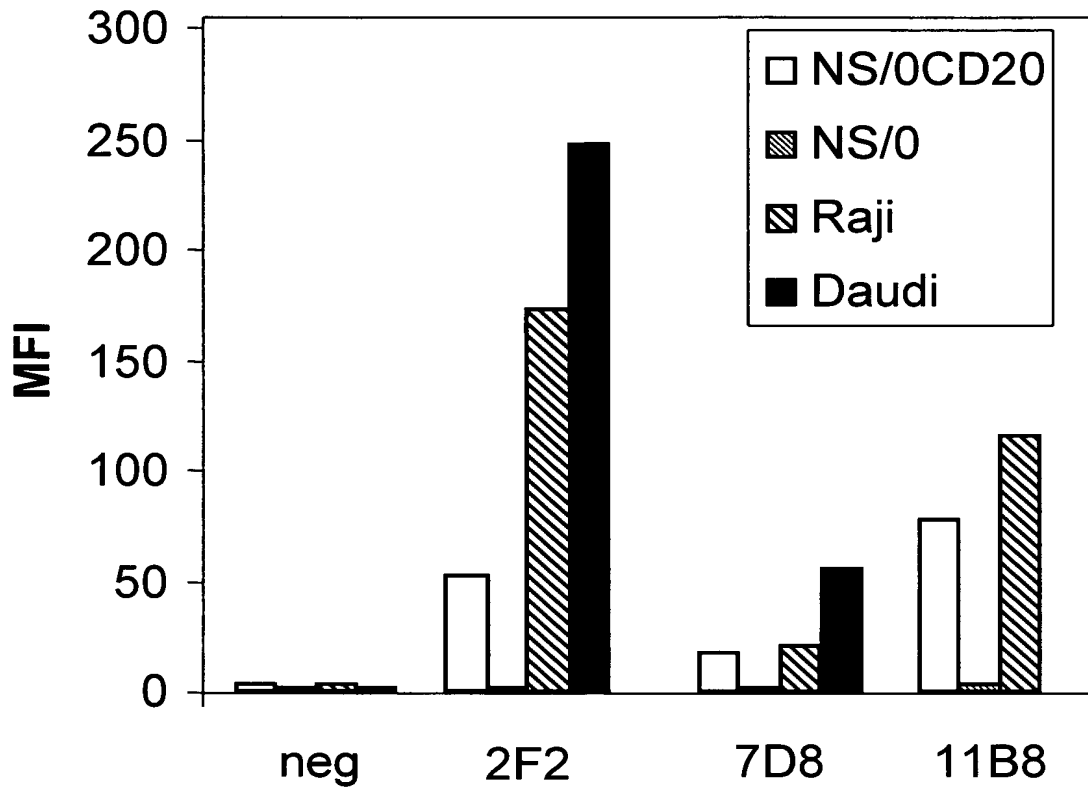
2/65



*Fig. 2*

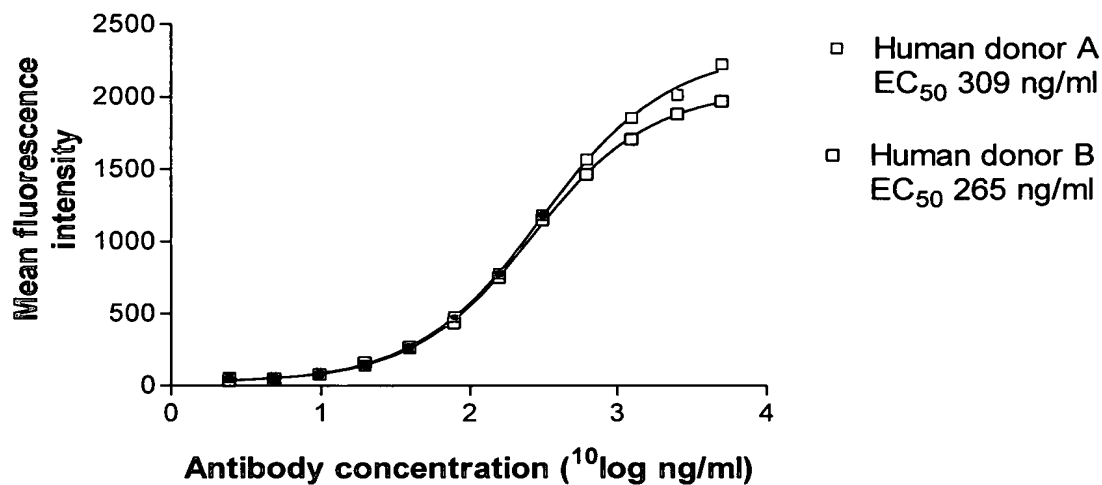


4/65

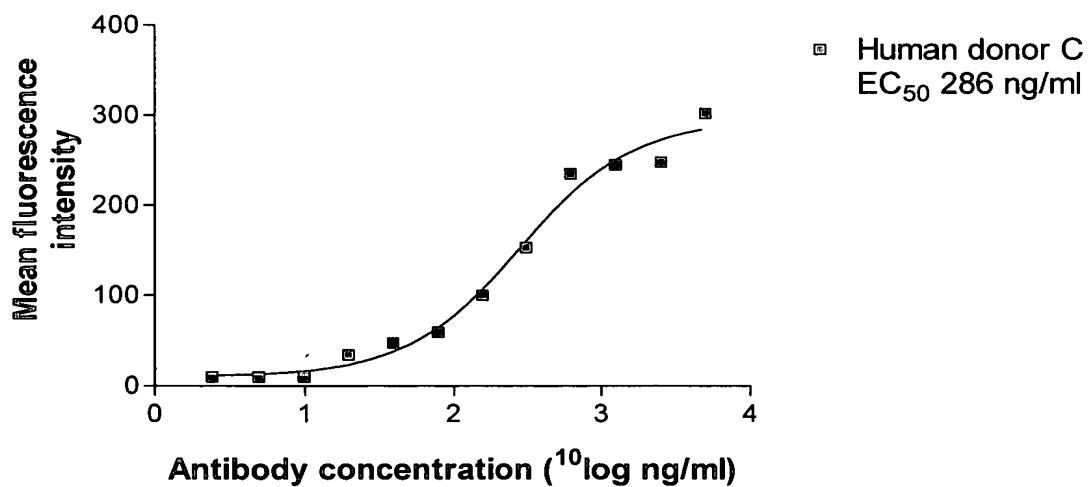


*Fig. 4*

5/65

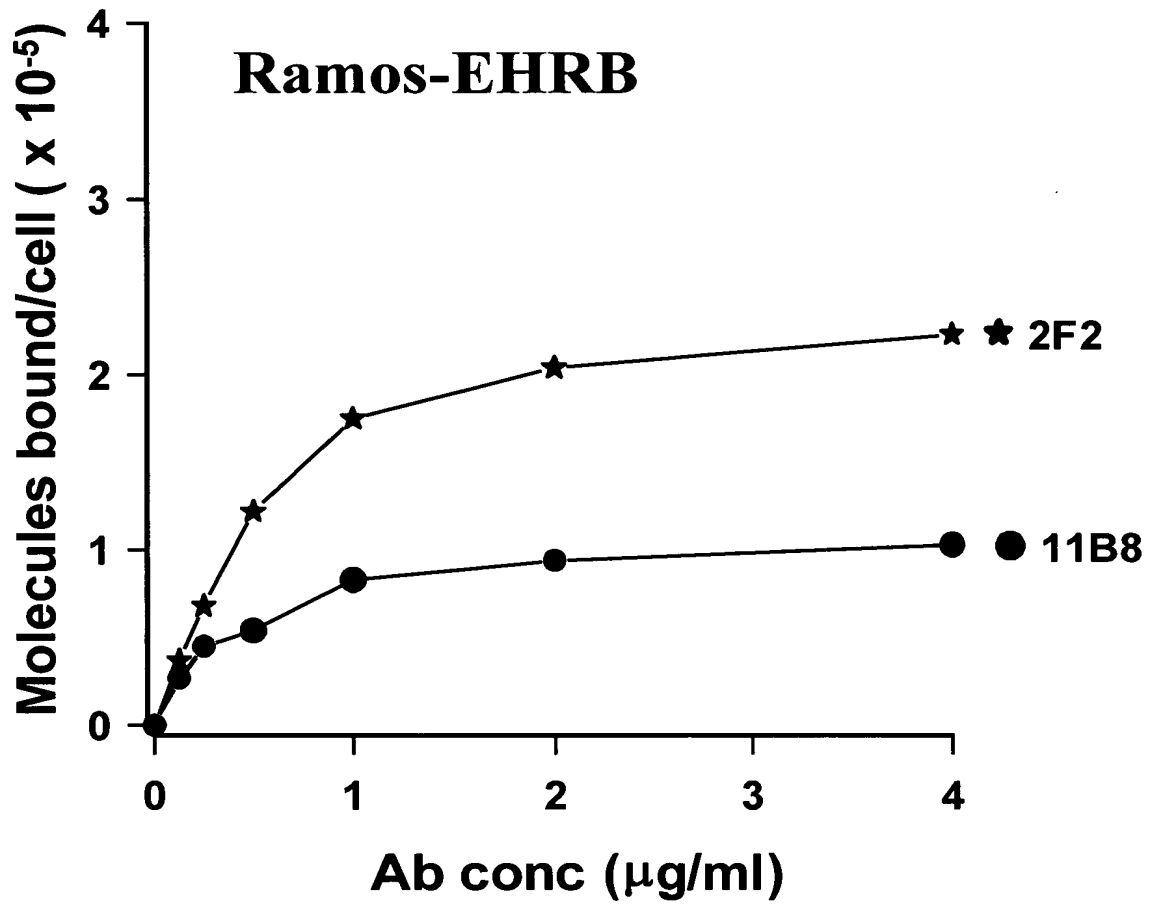


*Fig. 5A*

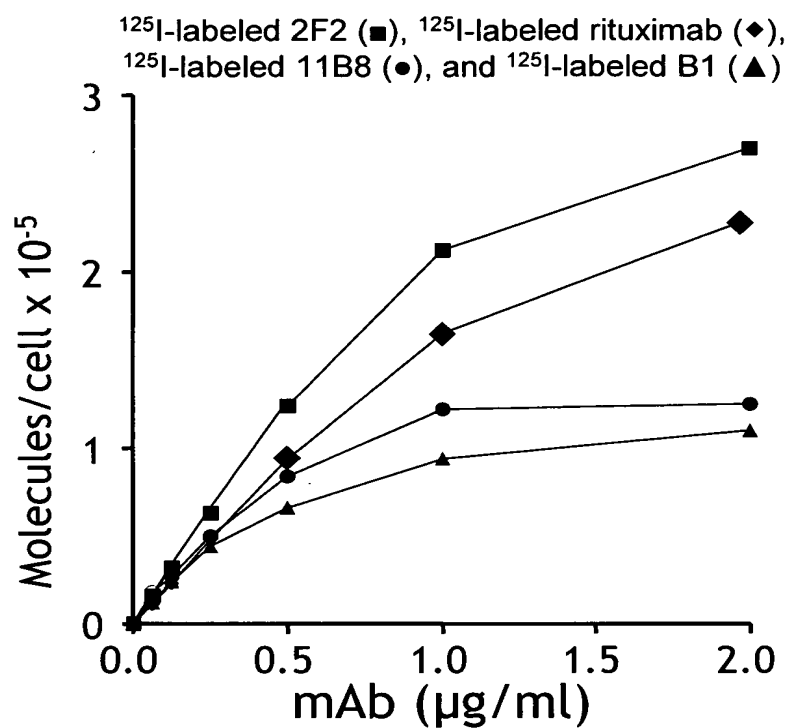


*Fig. 5B*

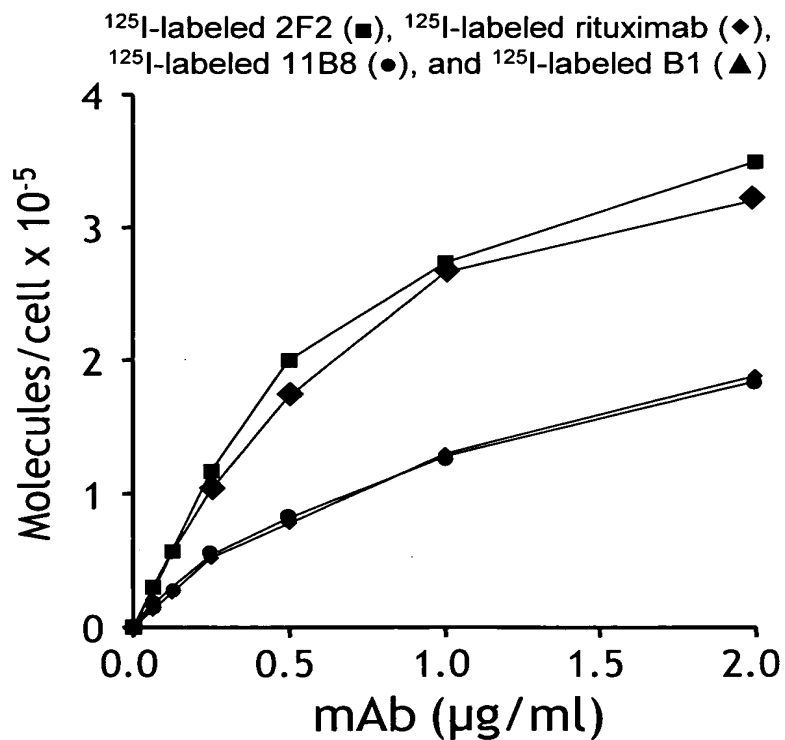
6/65

*Fig 6*

7/65

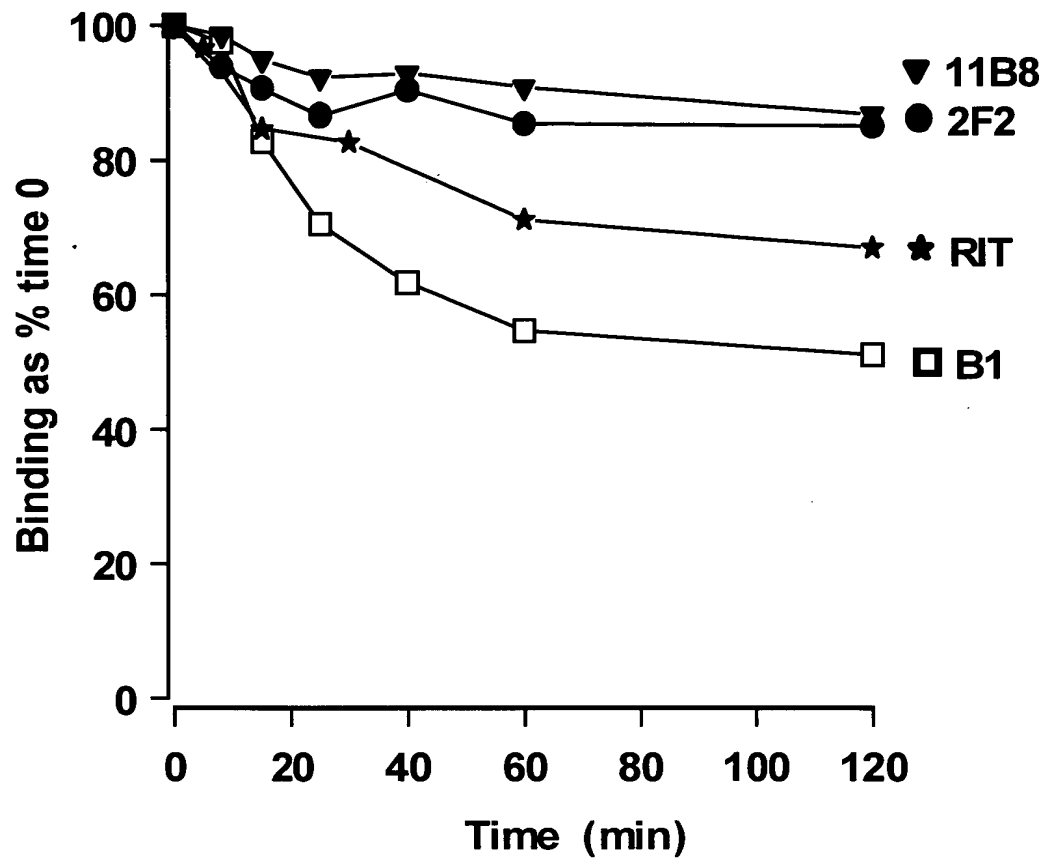


*Fig. 7A*



*Fig. 7B*

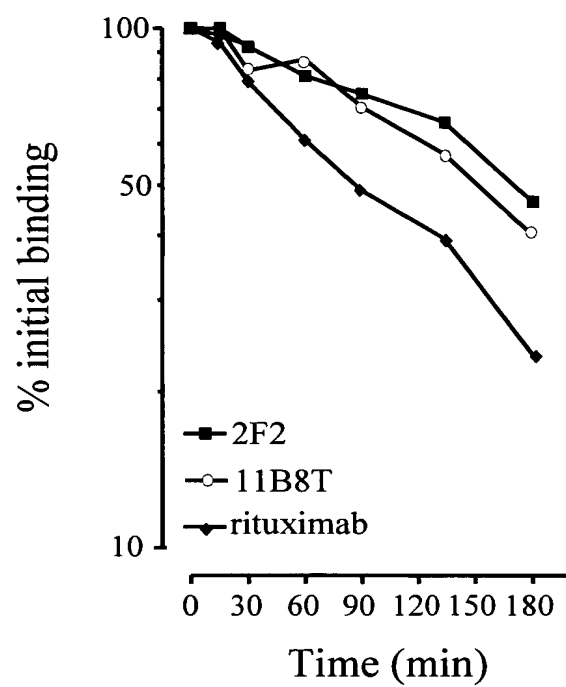
8/65



*Fig. 8*

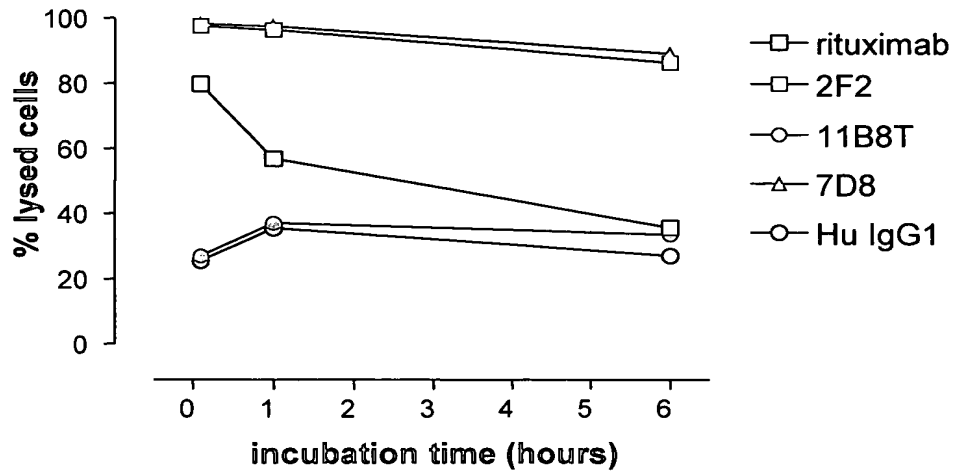


9/65

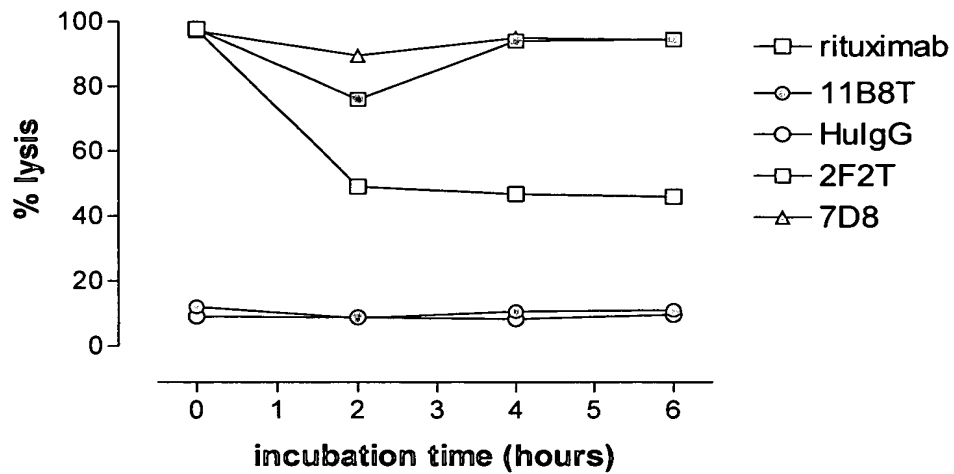


*Fig. 9*

10/65

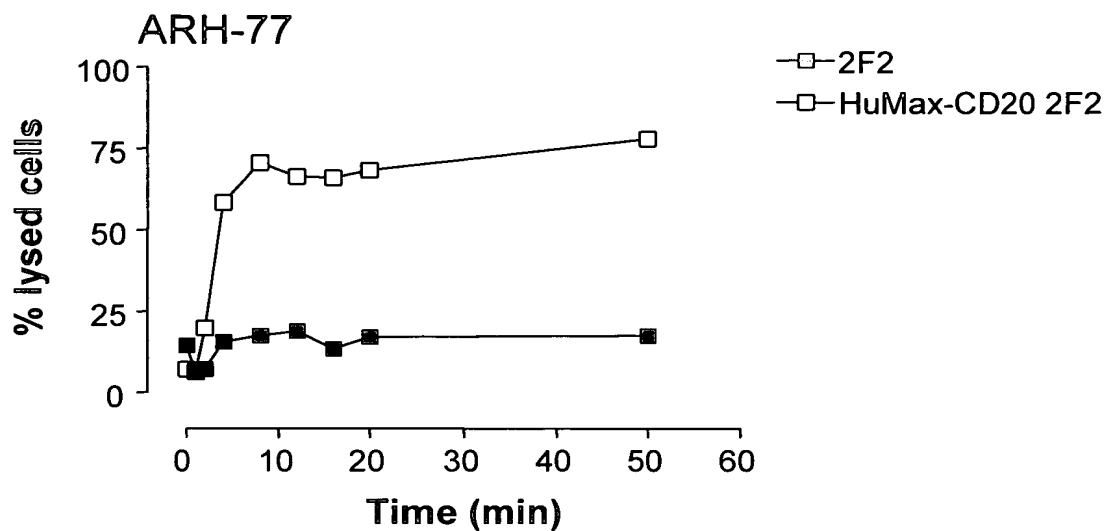


*Fig. 10A*

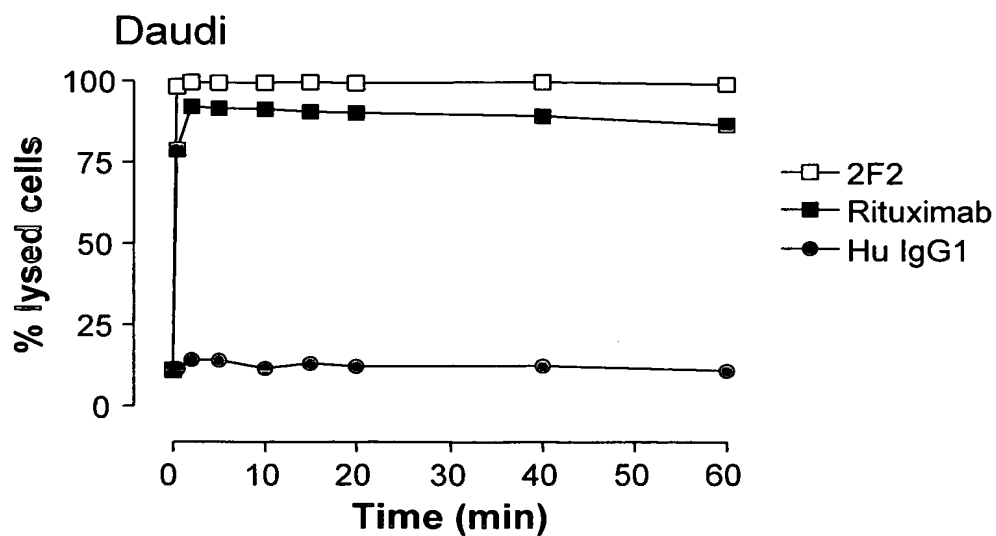


*Fig. 10B*

11/65

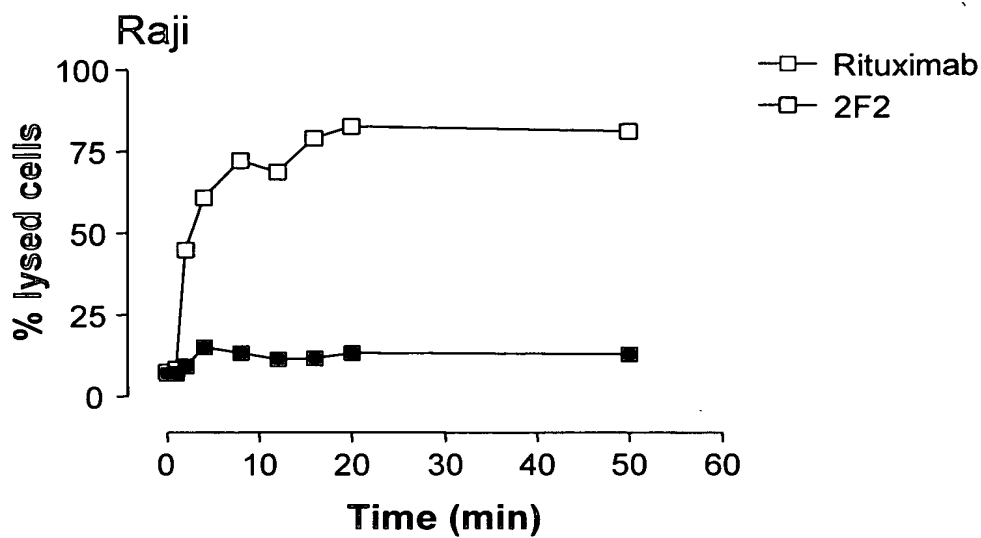


*Fig. 11A*

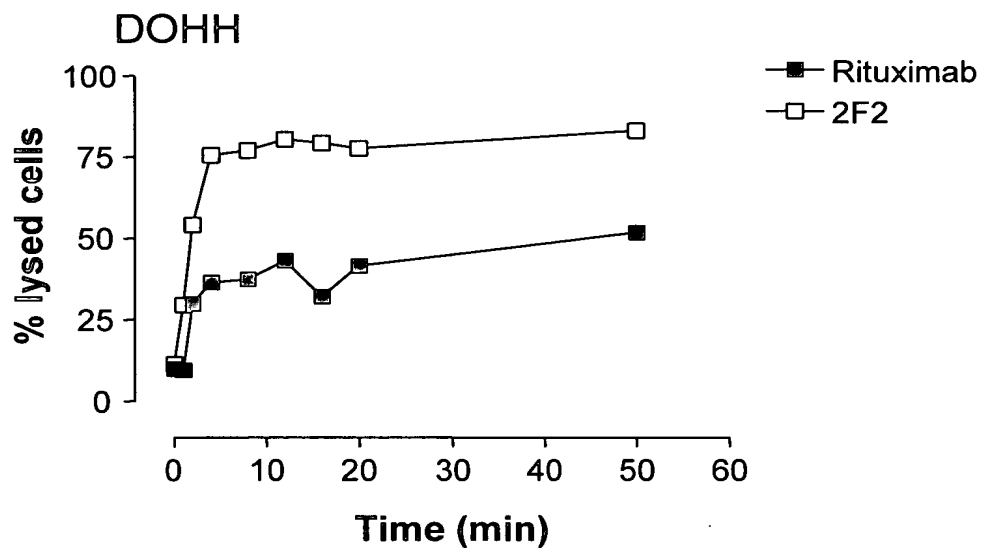


*Fig. 11A*

12/65

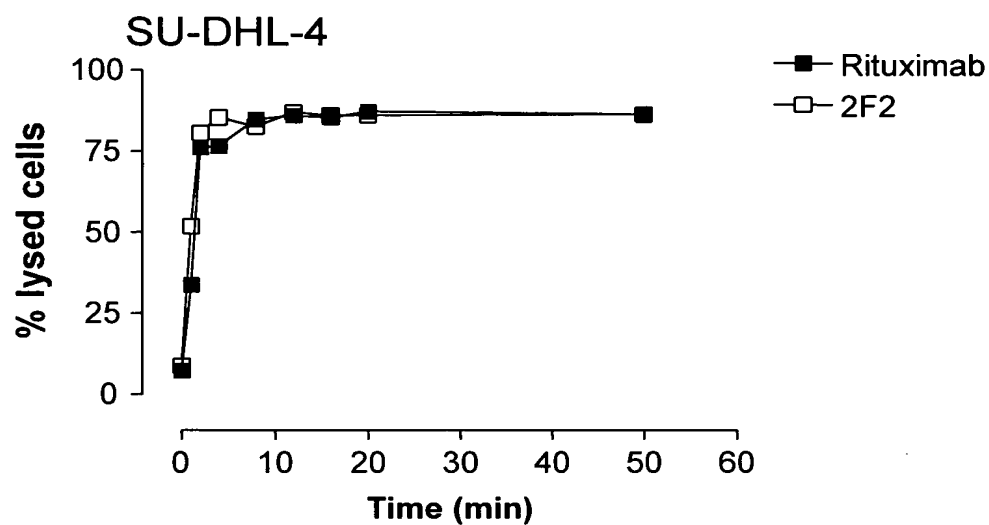


*Fig. 11C*



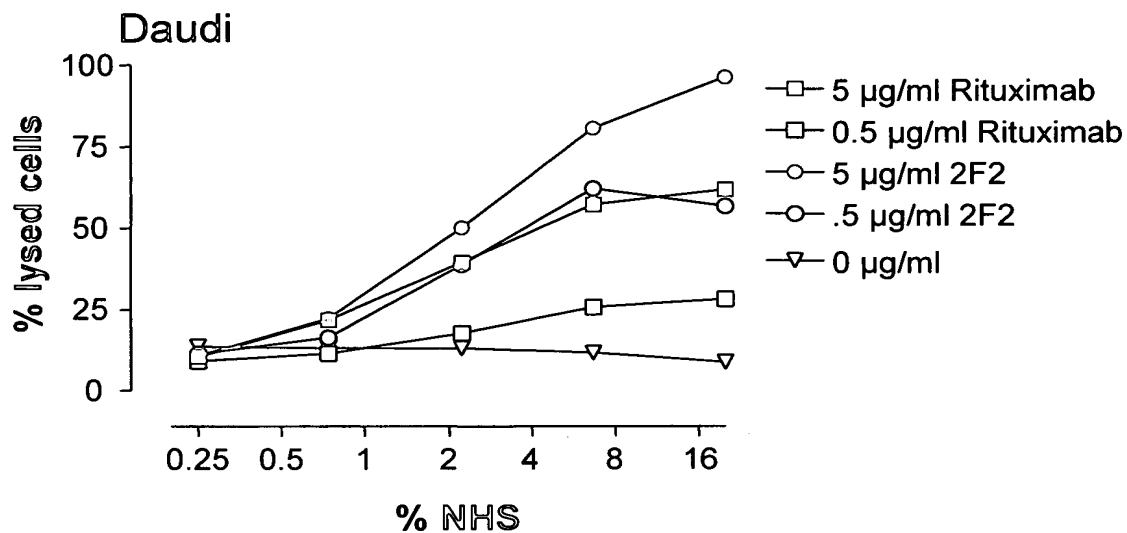
*Fig. 11D*

13/65

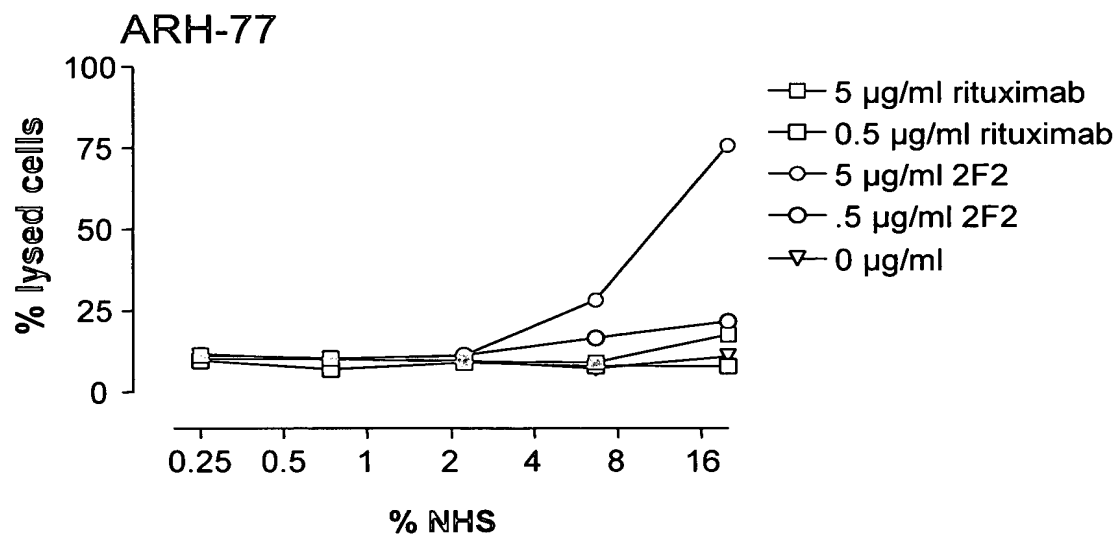


*Fig. 11E*

14/65

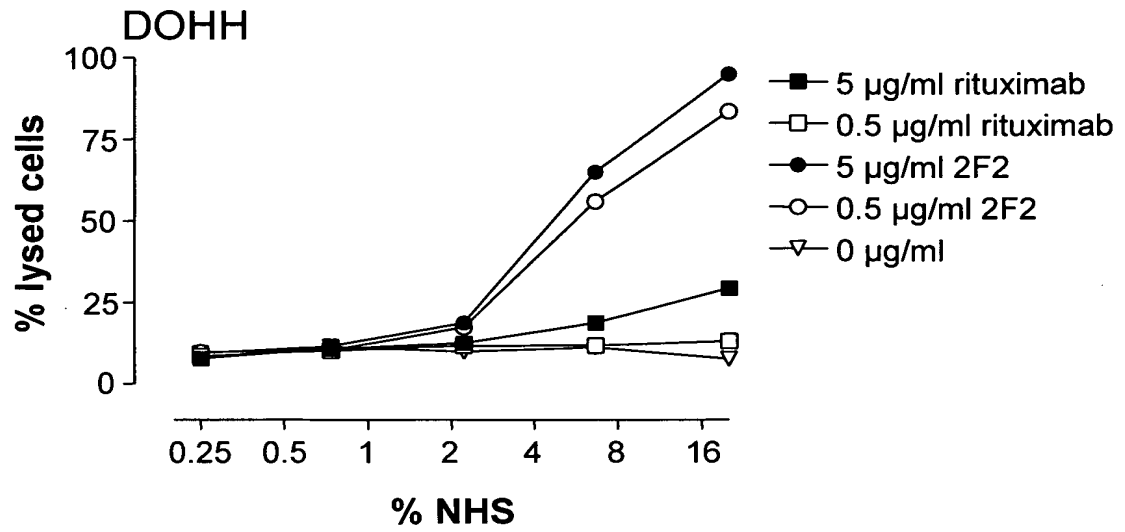
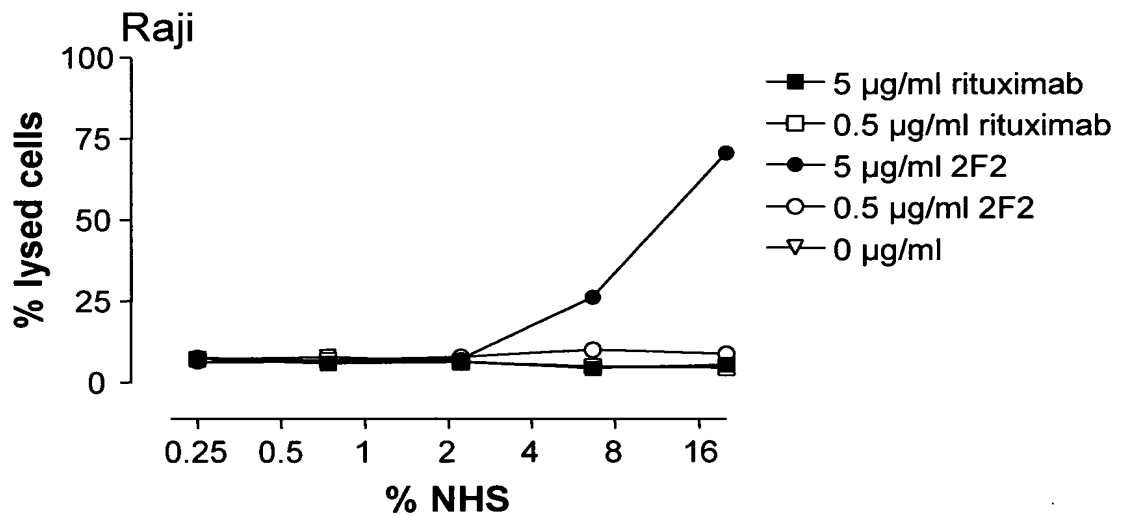


*Fig. 12A*

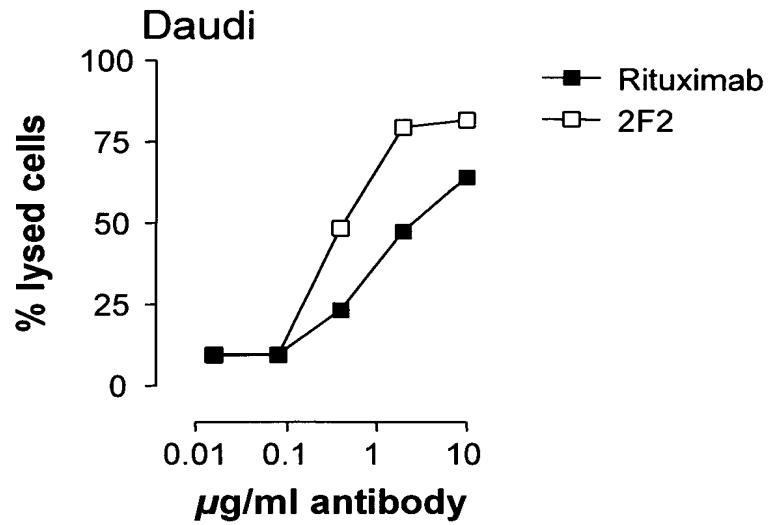


*Fig. 12B*

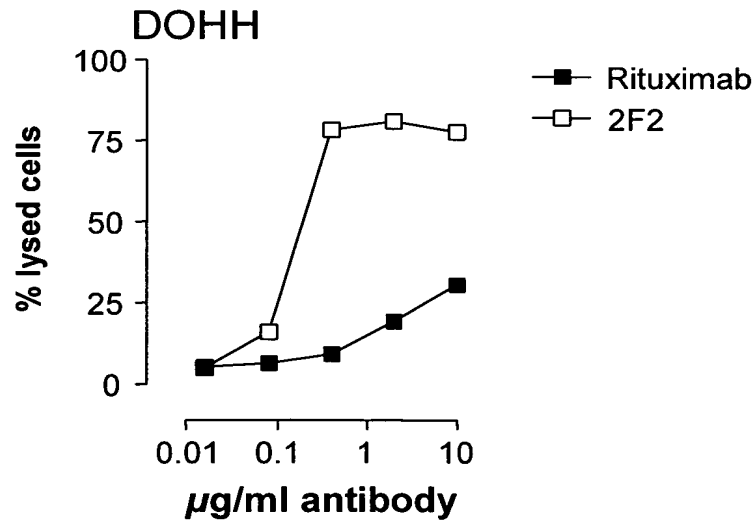
15/65

*Fig. 12C**Fig. 12D*

16/65



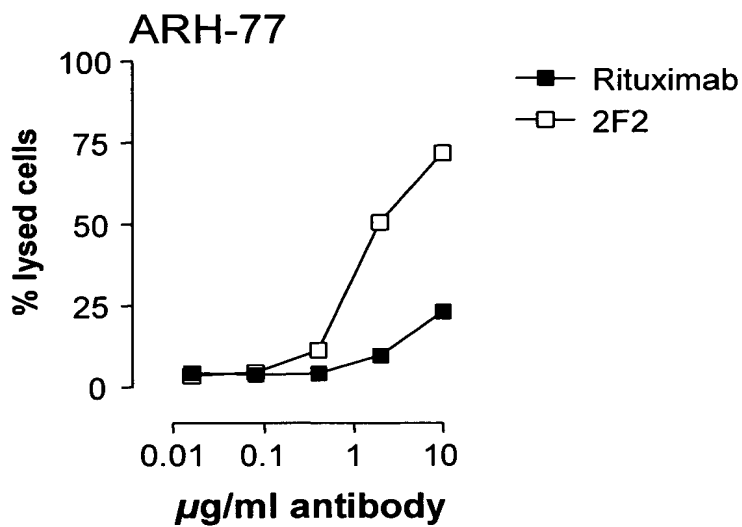
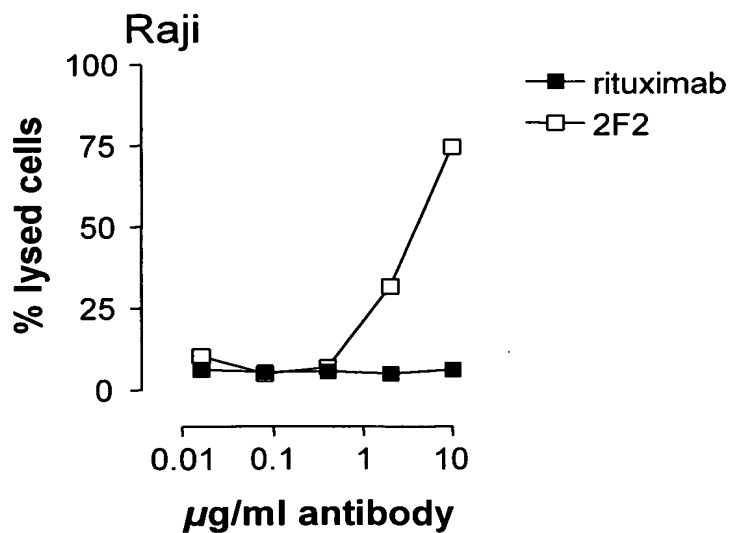
*Fig. 13A*



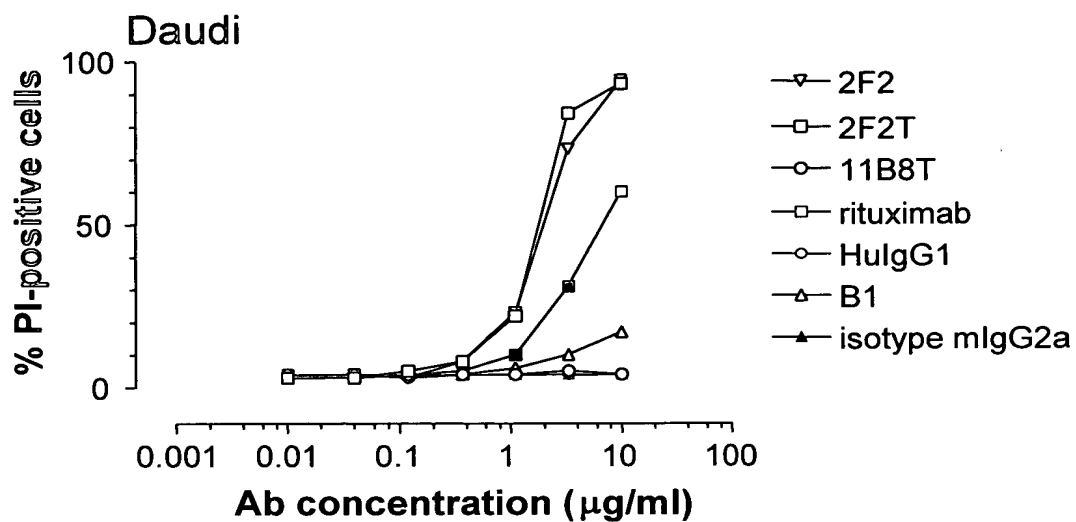
*Fig. 13B*



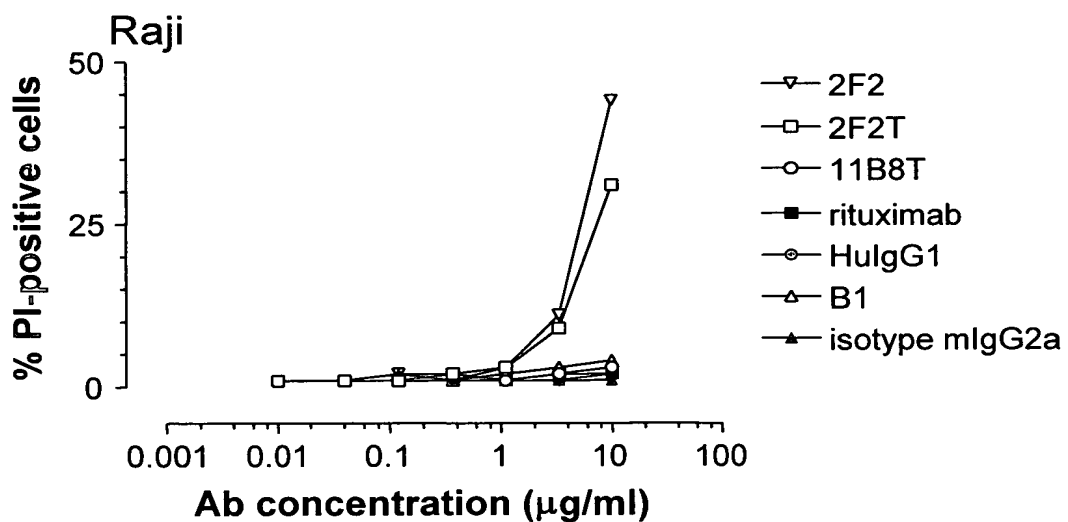
17/65

*Fig. 13C**Fig. 13D*

18/65

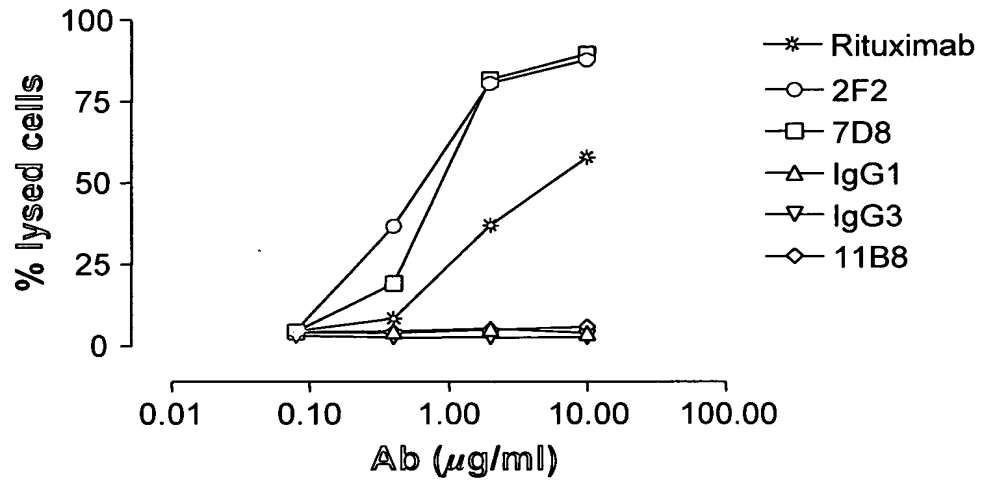


*Fig. 14A*

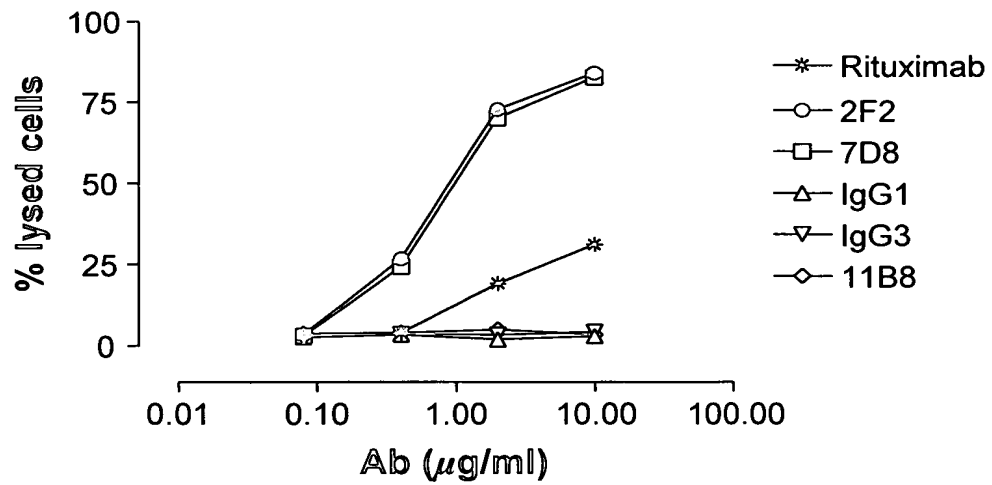


*Fig. 14B*

19/65

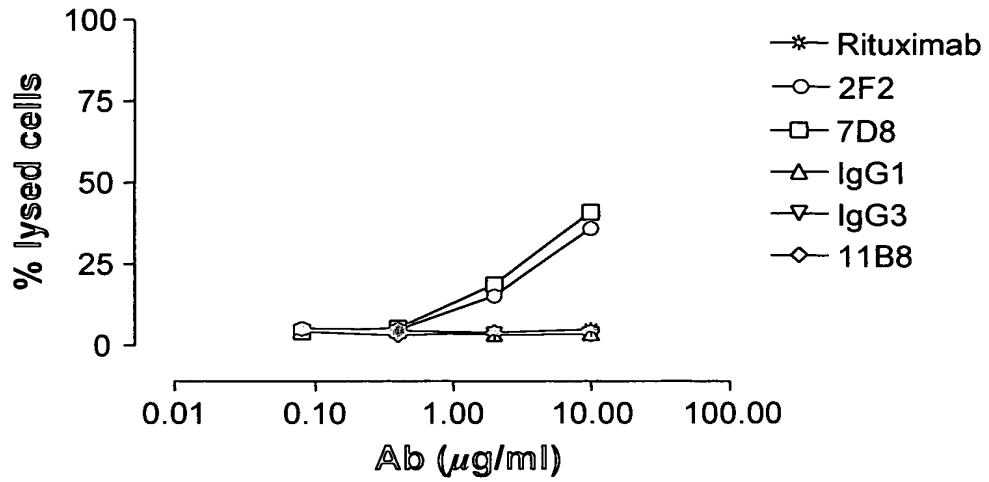


*Fig. 15A*

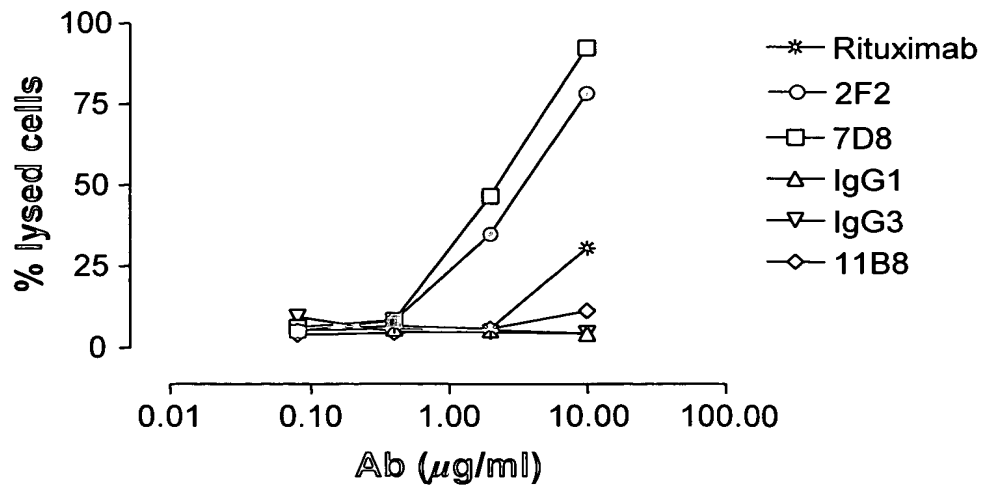


*Fig. 15B*

20/65

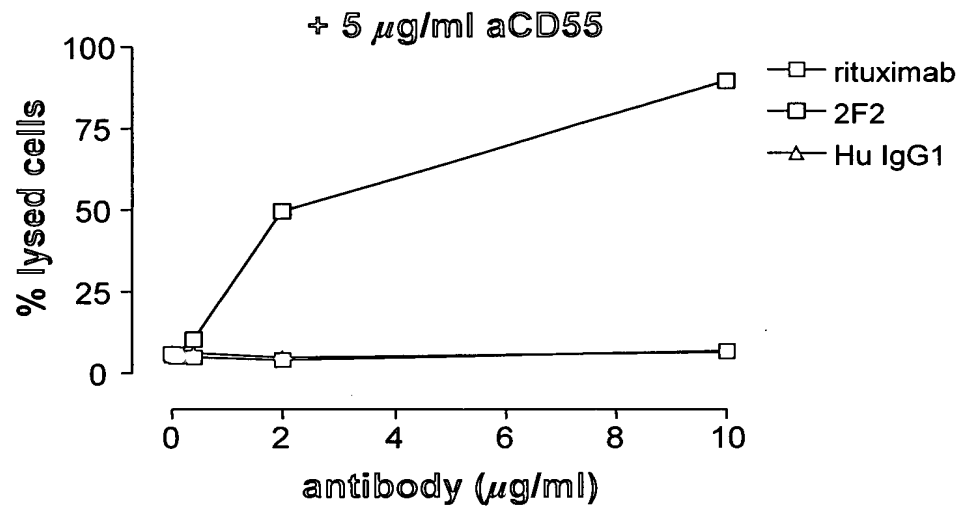


*Fig. 16A*

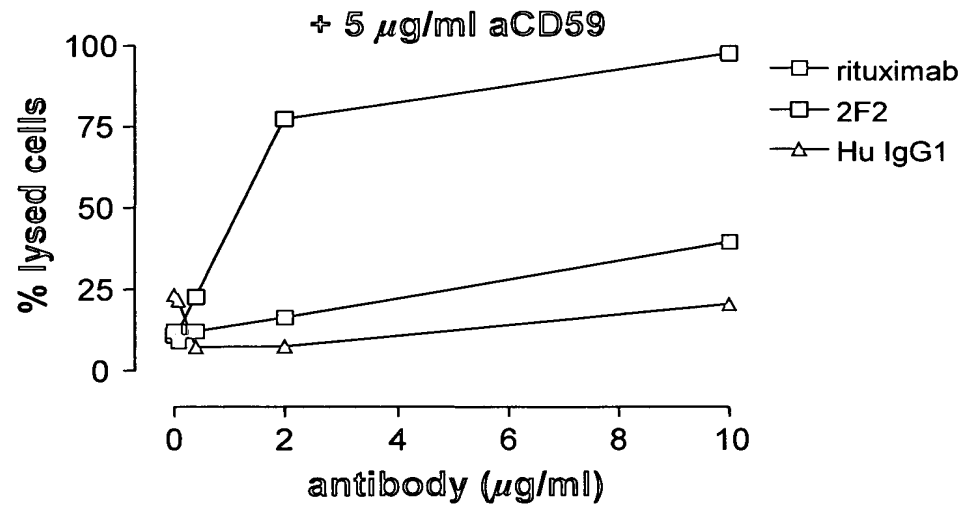


*Fig. 16B*

21/65

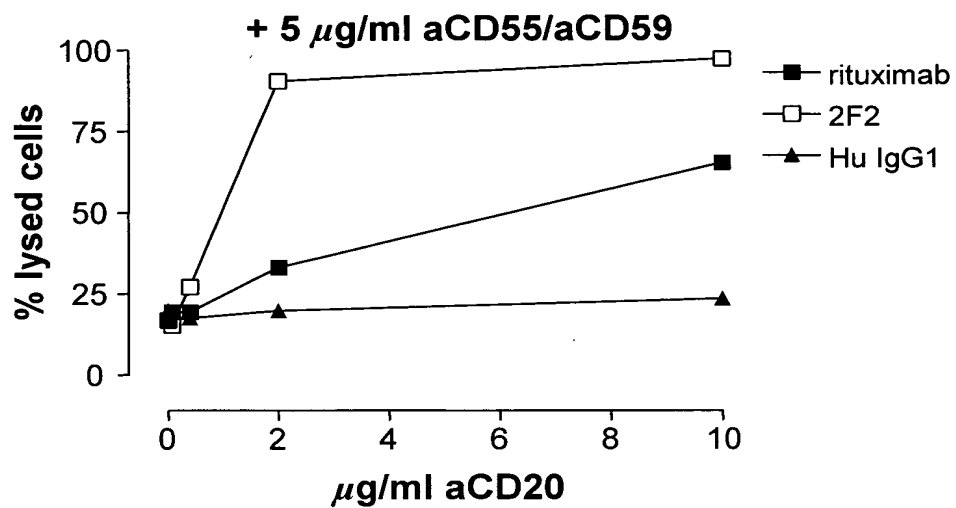


*Fig. 17A*

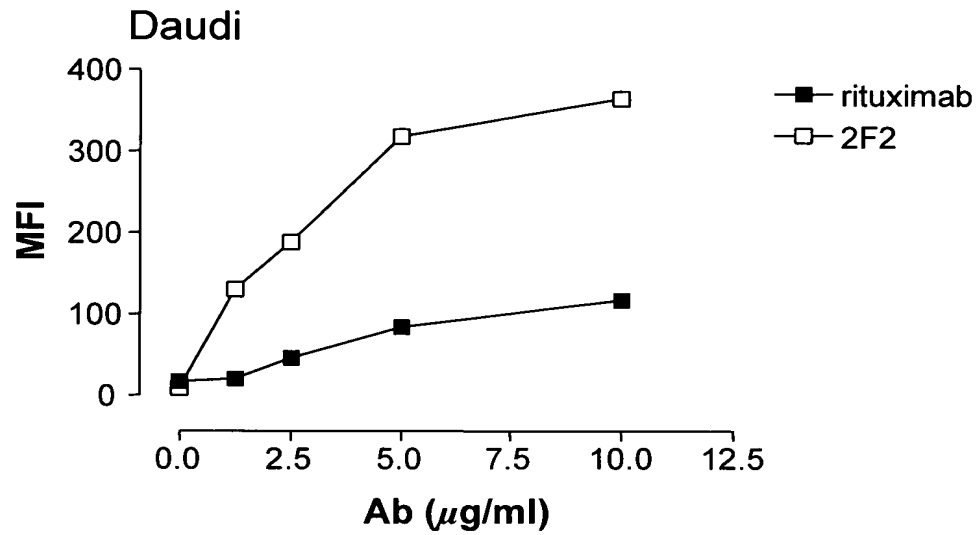


*Fig. 17B*

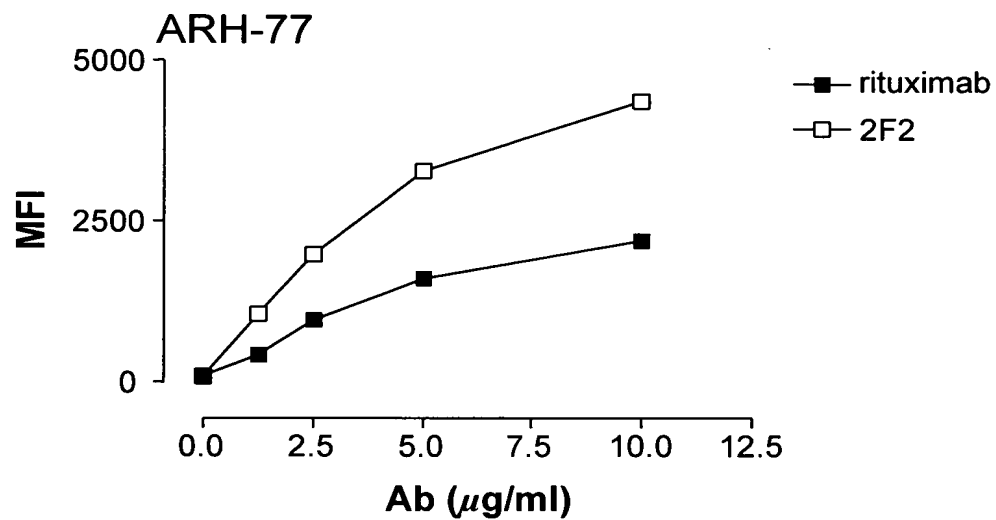
22/65

*Fig. 17C*

23/65

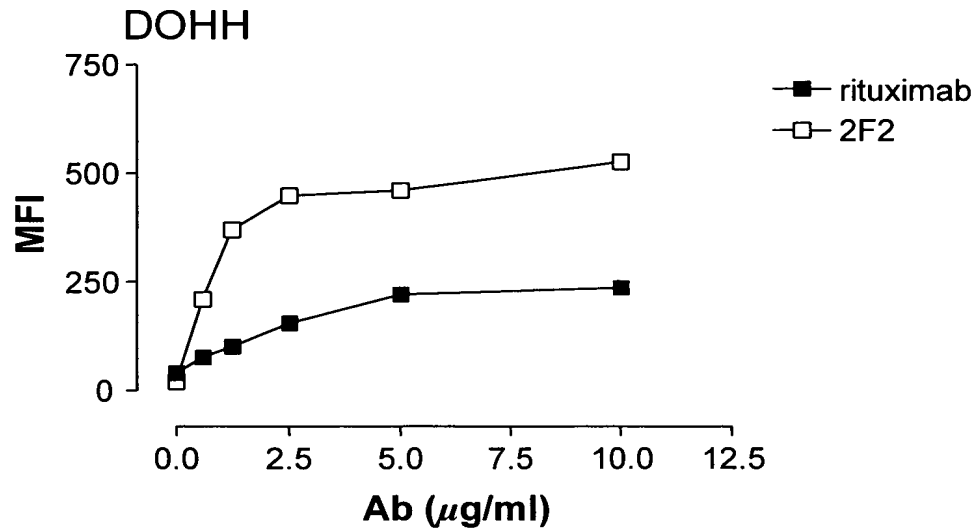
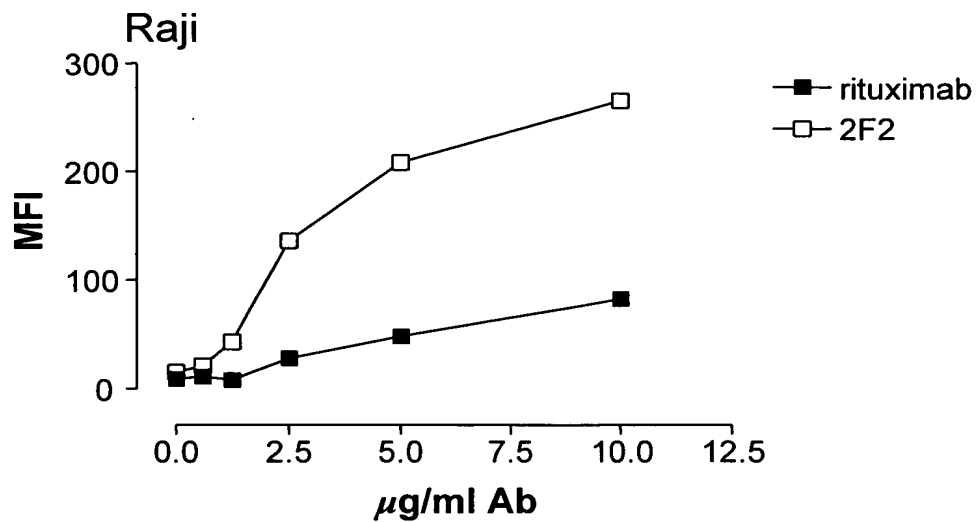


*Fig. 18A*



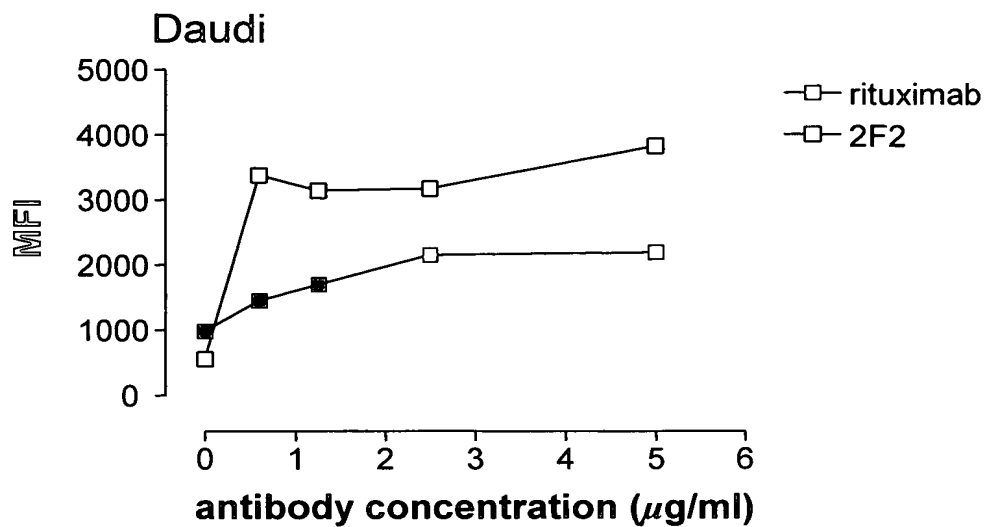
*Fig. 18B*

24/65

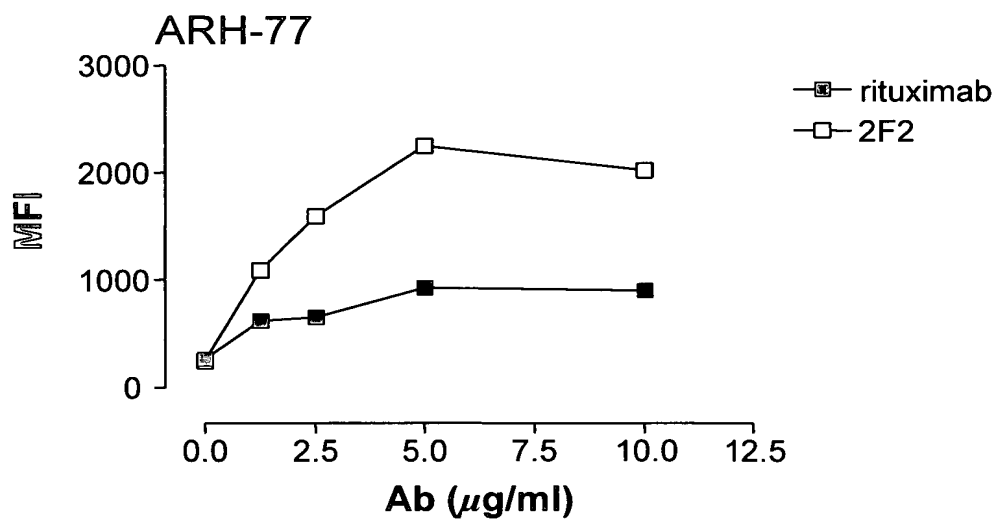
*Fig. 18C**Fig. 18D*



25/65

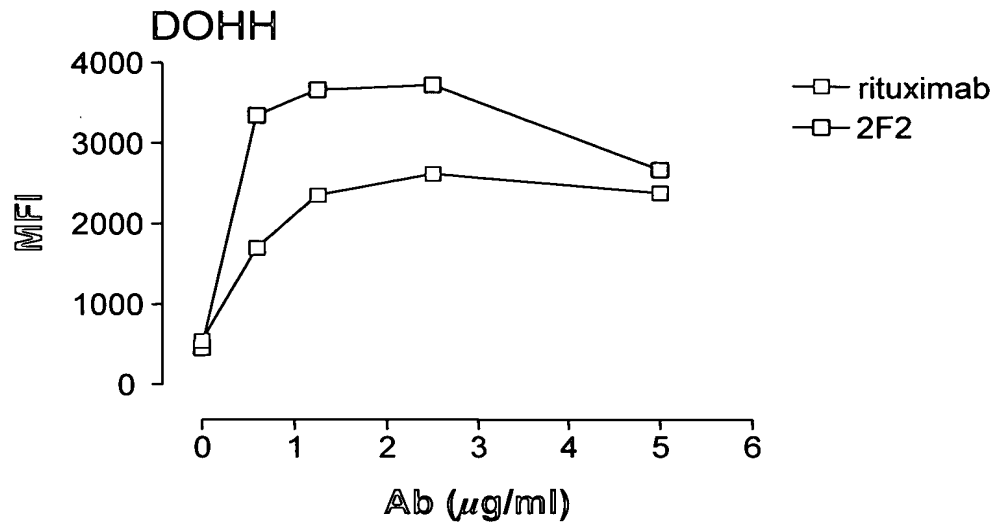


*Fig. 19A*

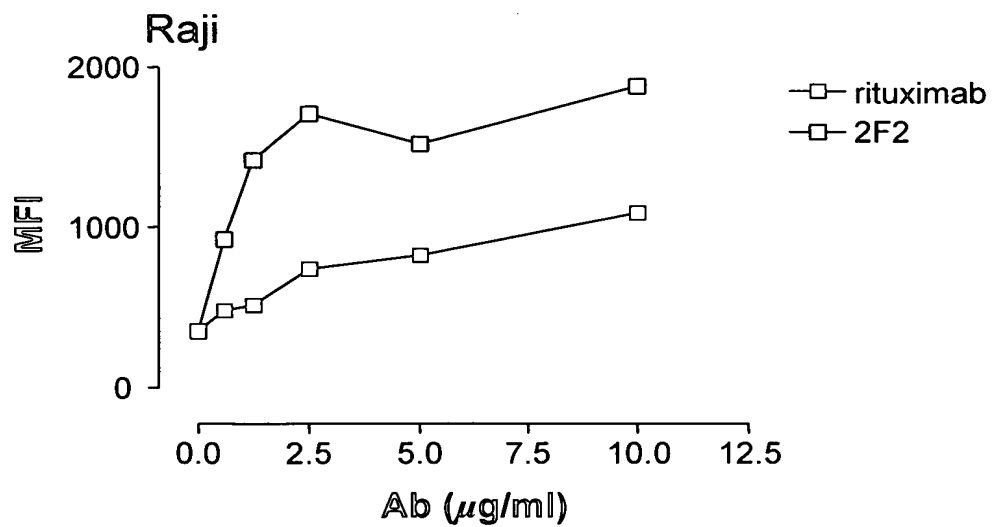


*Fig. 19B*

26/65

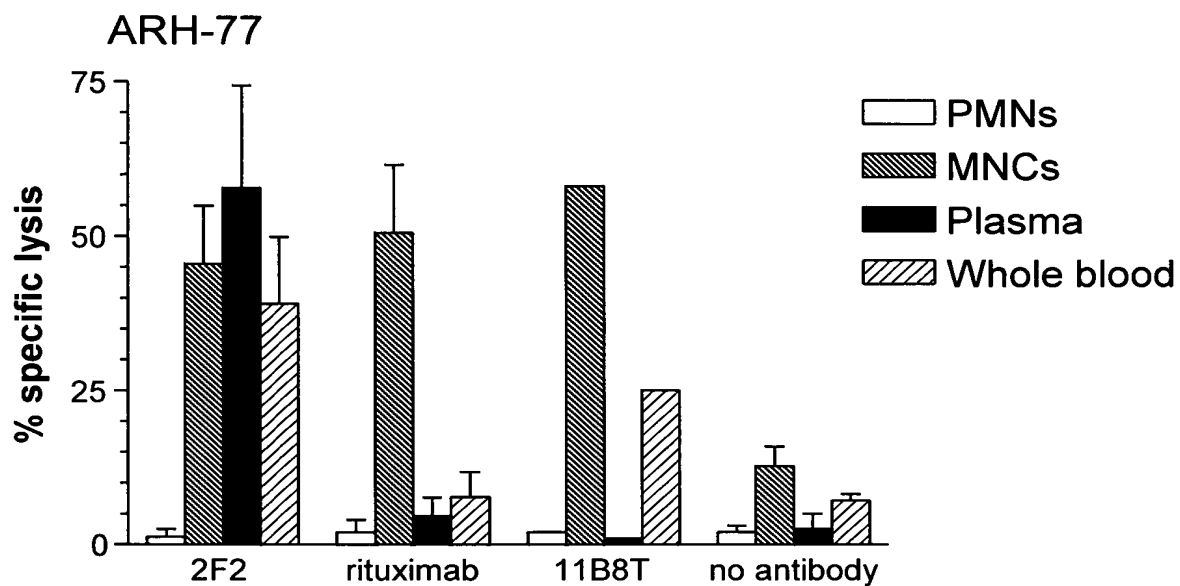


*Fig. 19C*

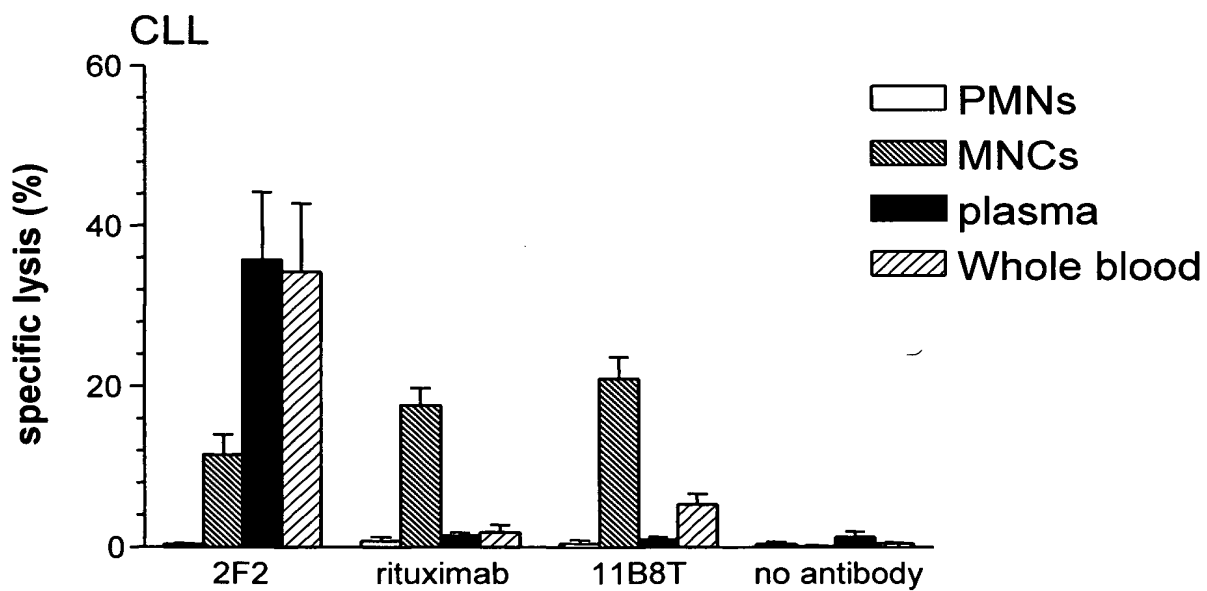


*Fig. 19D*

27/65

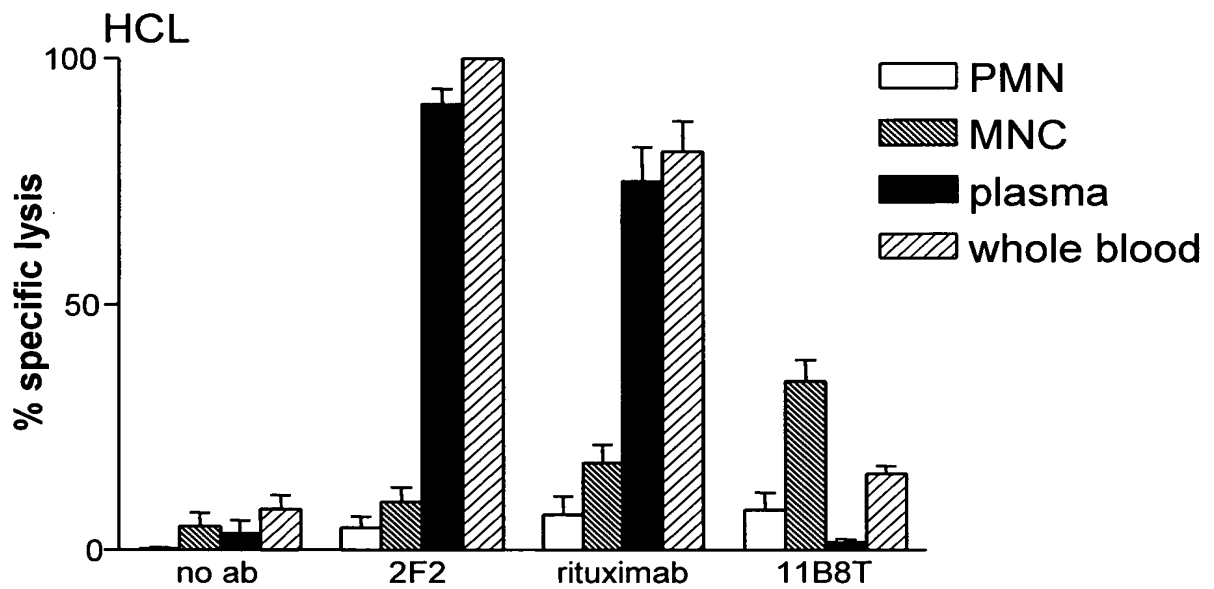


*Fig. 20*

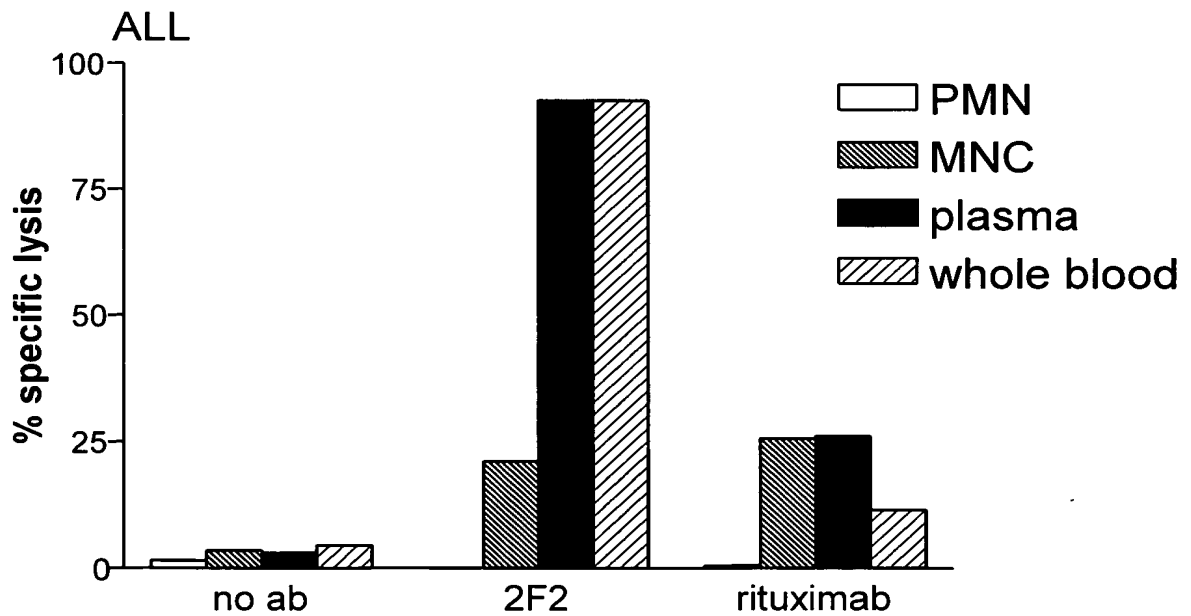


*Fig. 21*

28/65

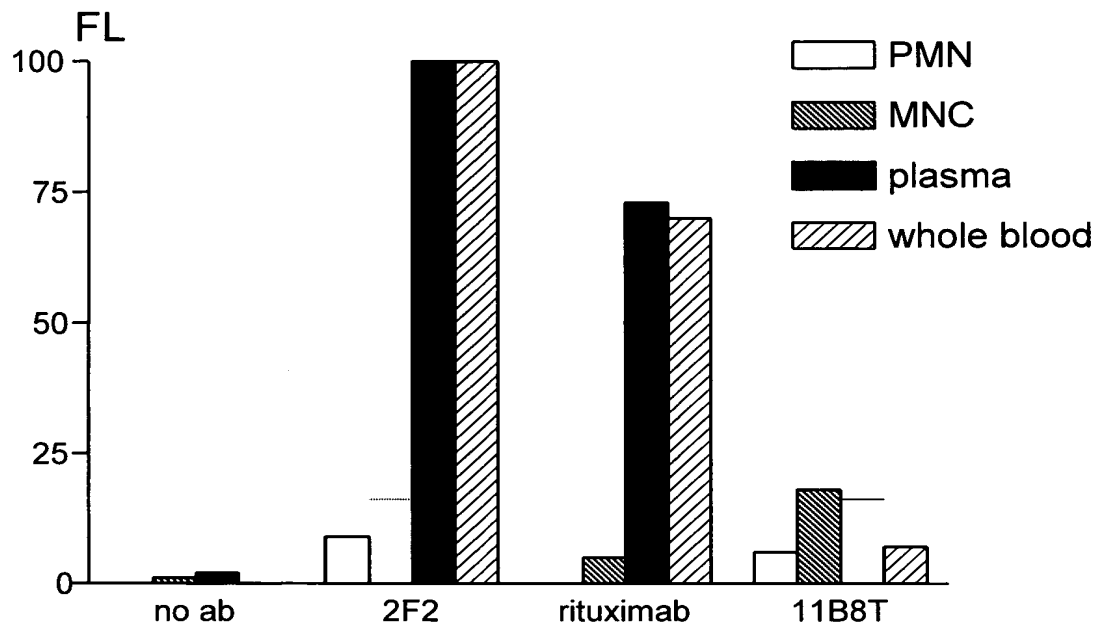


*Fig. 22*

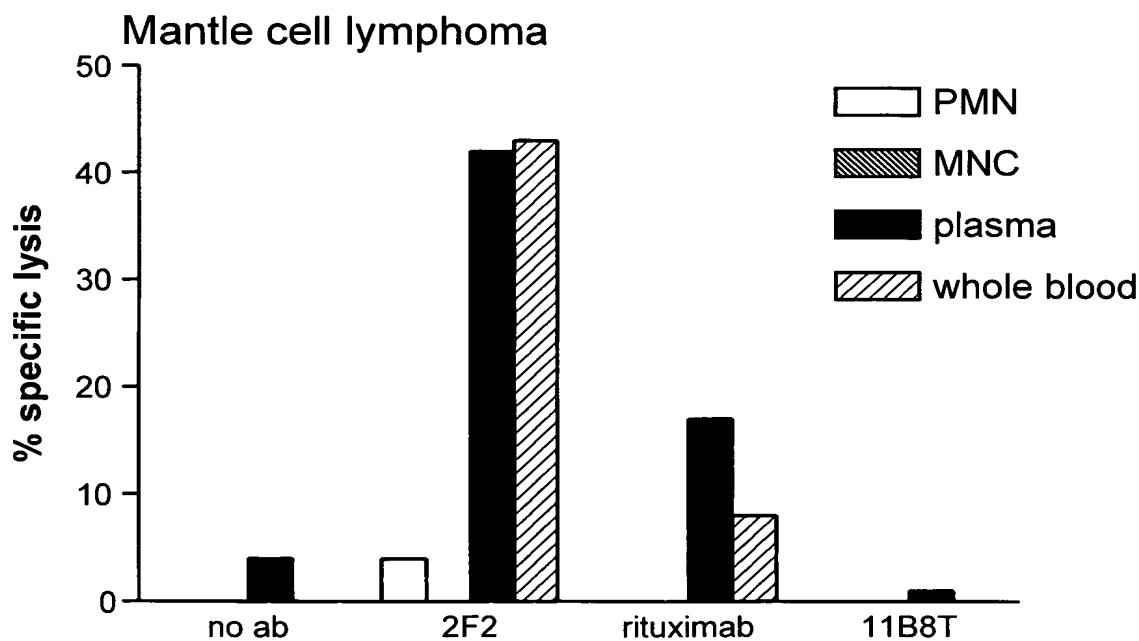


*Fig. 23*

29/65

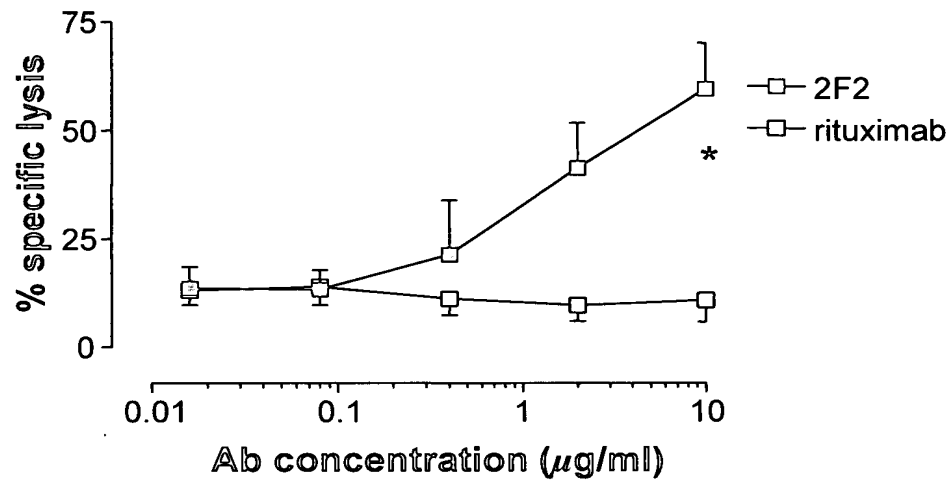


*Fig. 24*

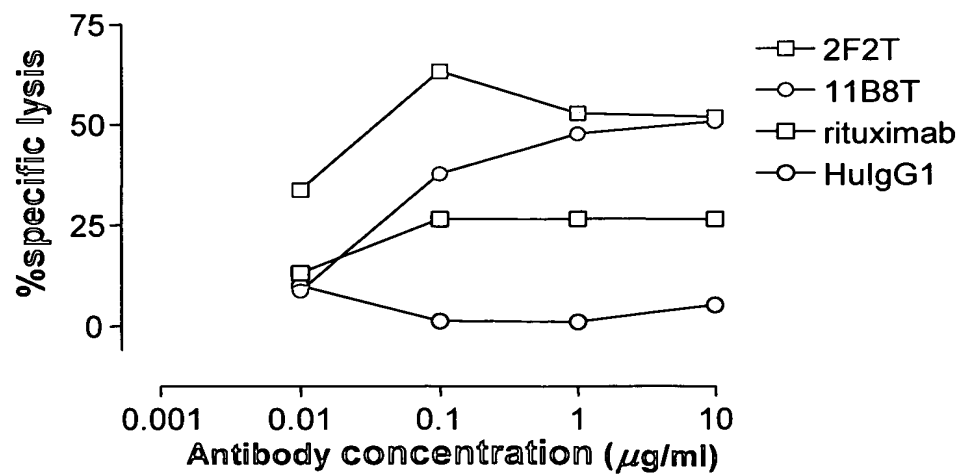


*Fig. 25*

30/65

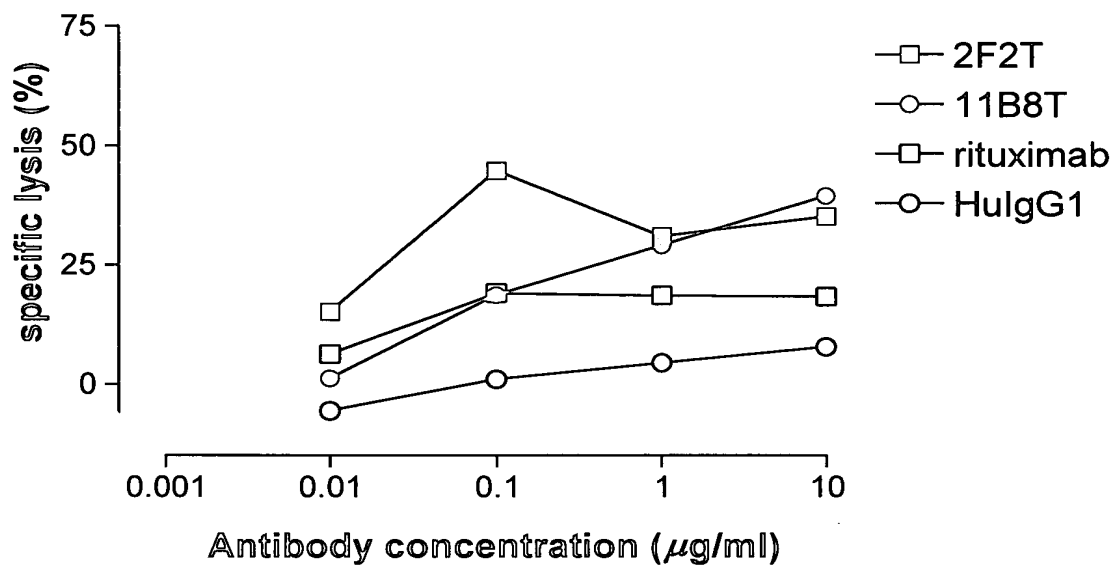


*Fig. 26*



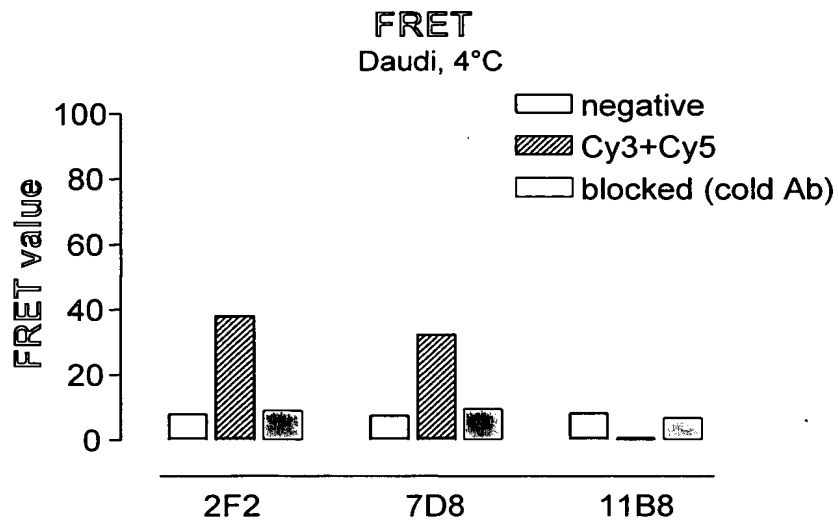
*Fig. 27*

31/65

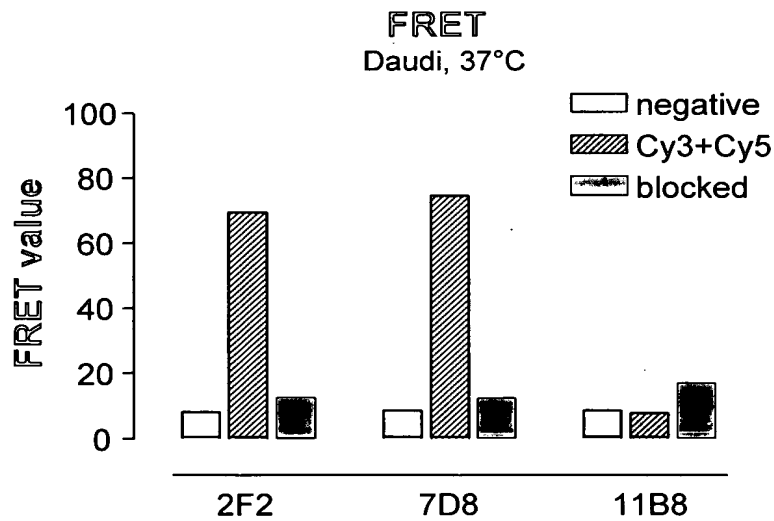


*Fig. 28*

32/65



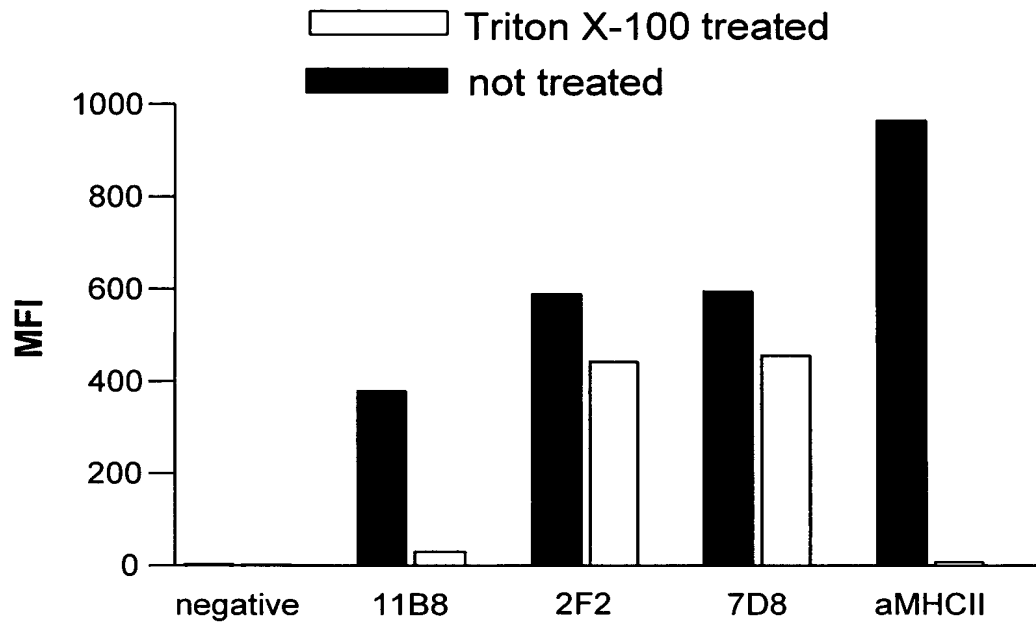
*Fig. 29A*



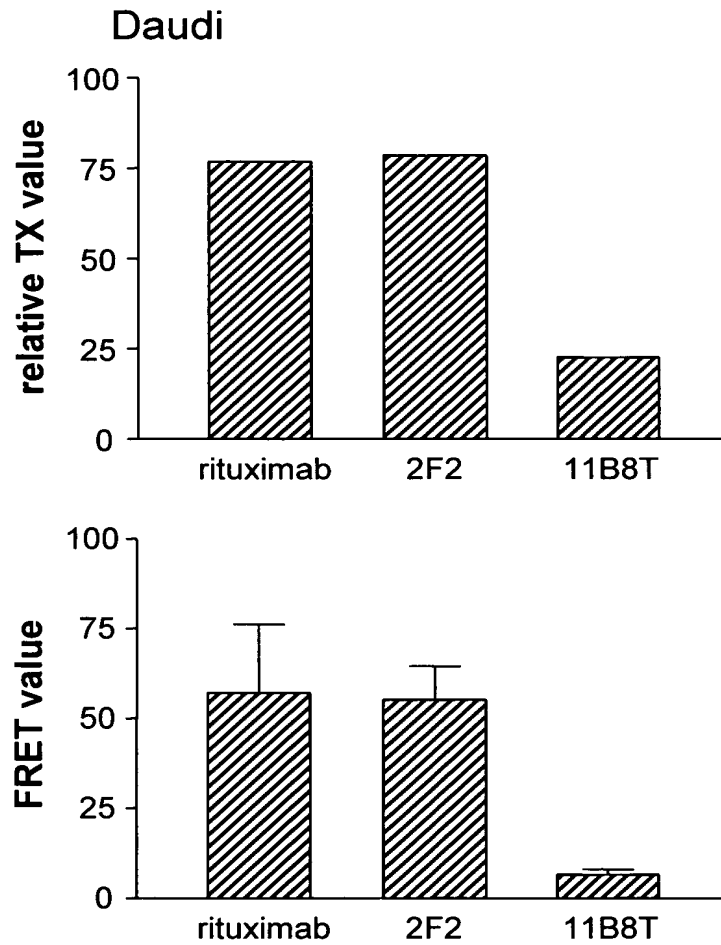
*Fig. 29B*



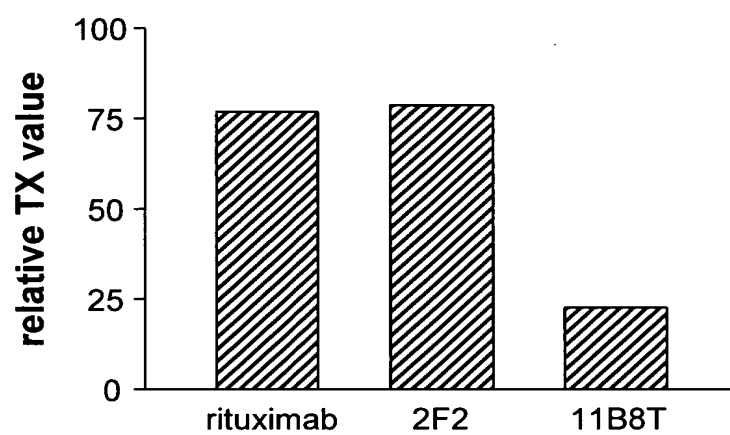
33/65

*Fig. 29C*

34/65

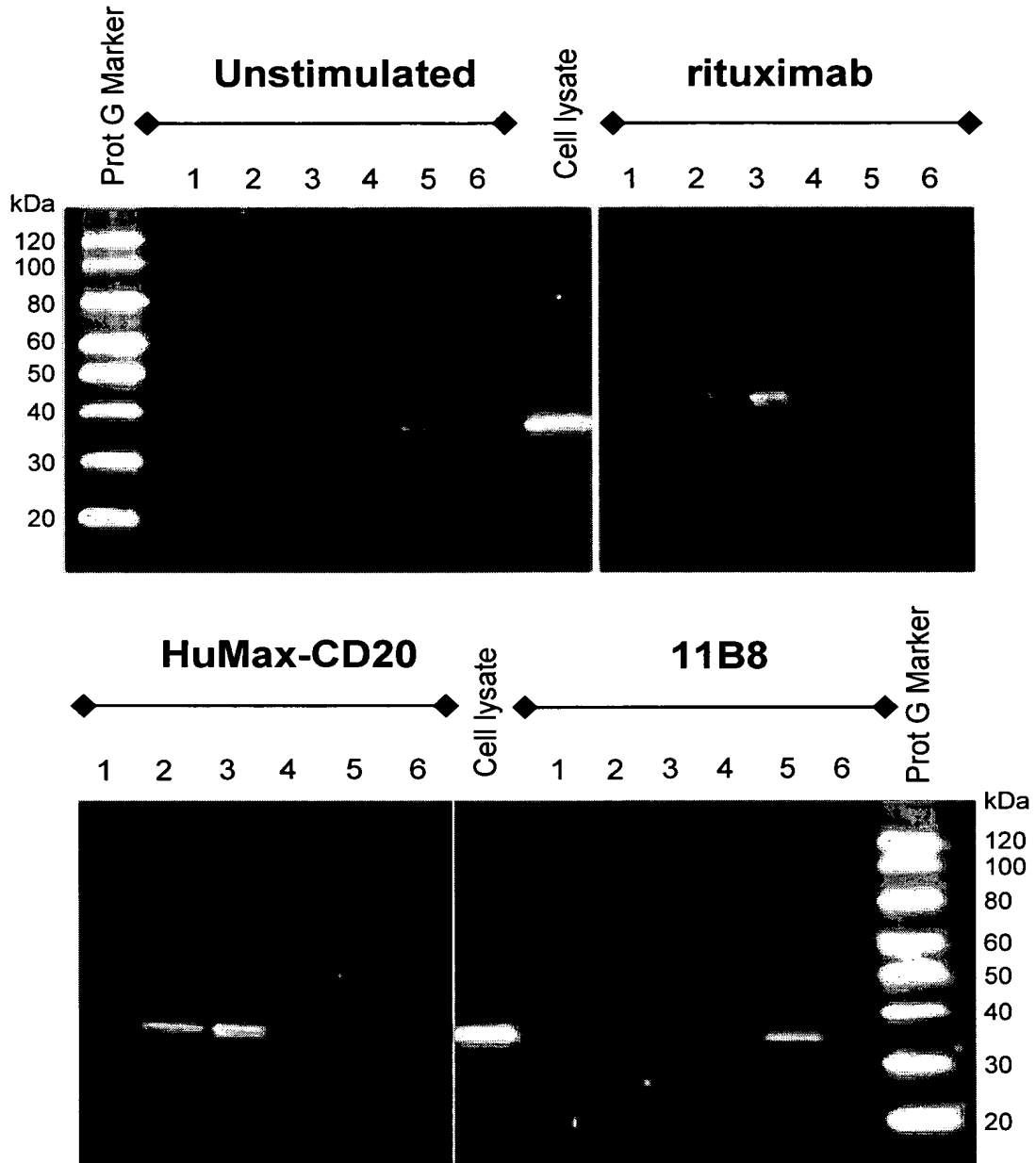
*Fig. 30*

35/65

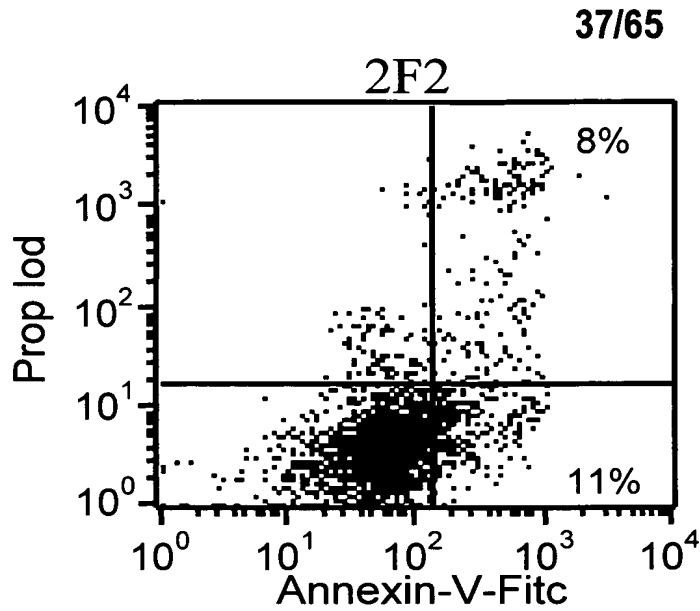
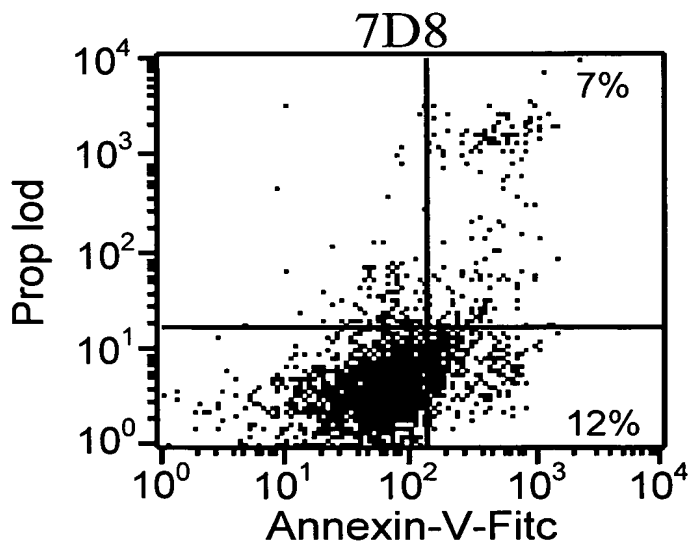
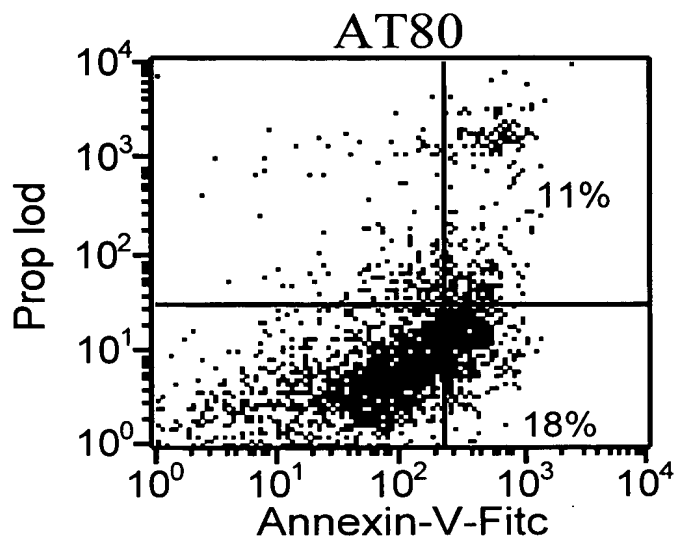


*Fig. 31*

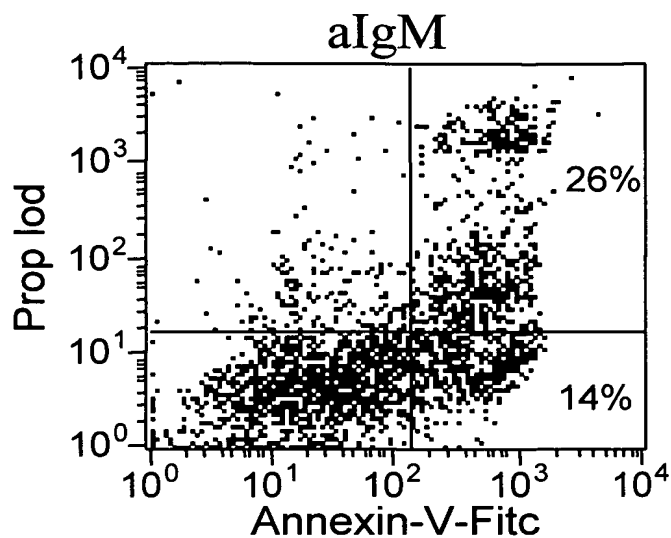
36/65



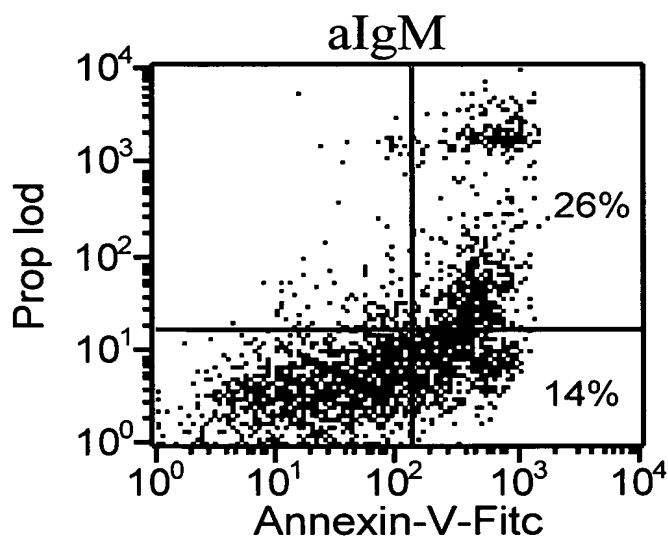
*Fig. 32*

*Fig. 33A**Fig. 33B**Fig. 33C*

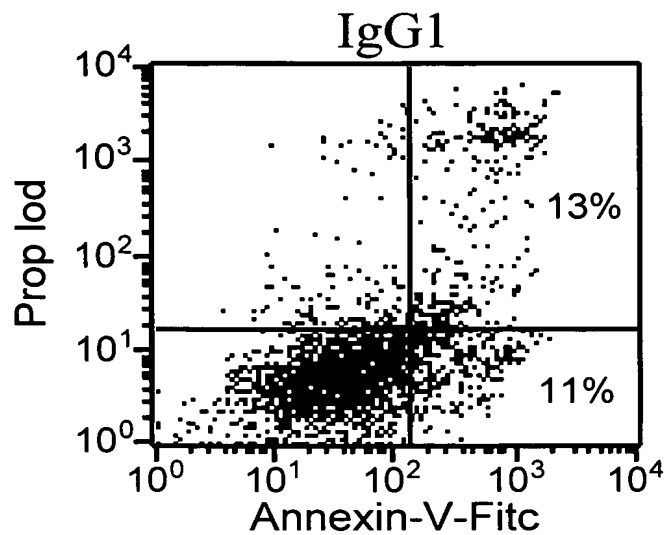
38/65



*Fig. 33D*

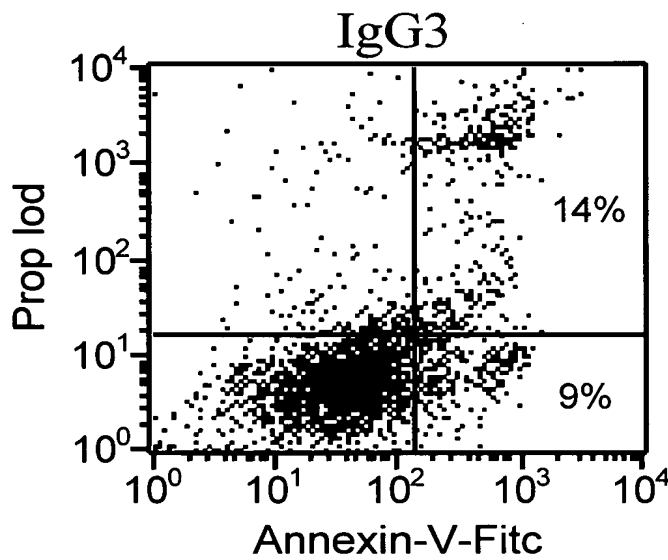


*Fig. 33E*

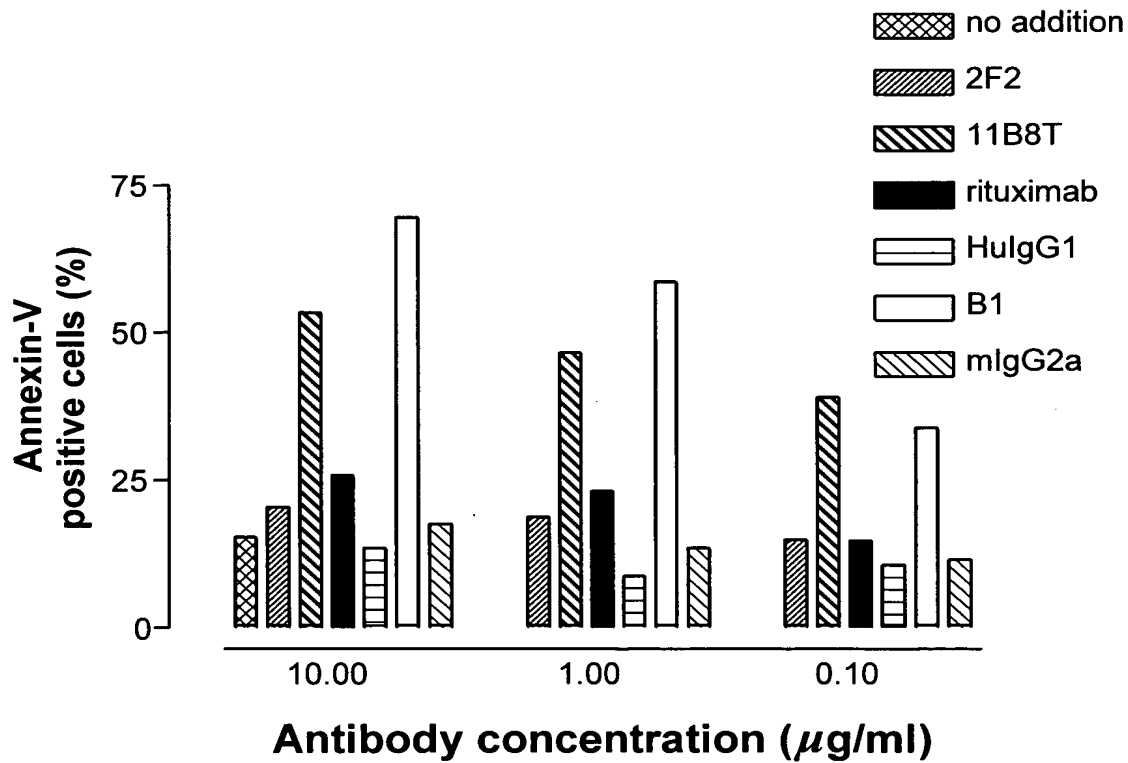


*Fig. 33F*

39/65

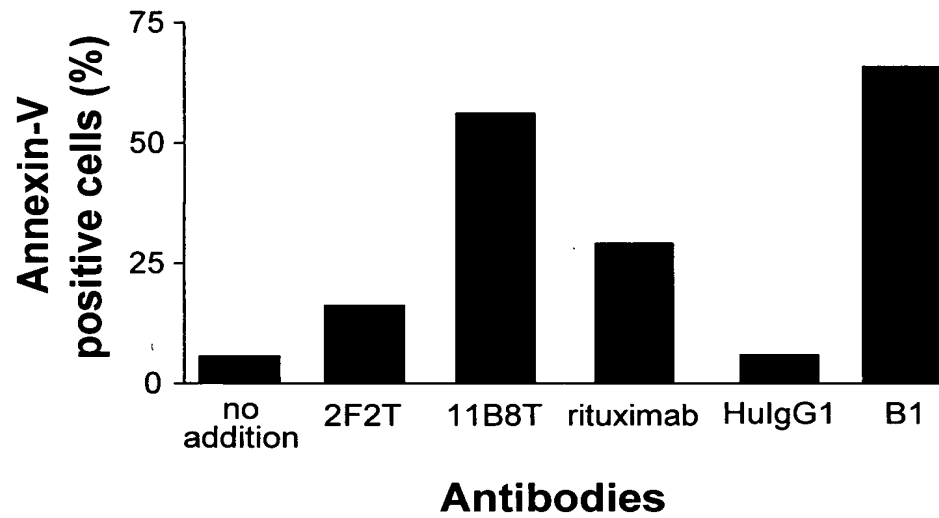


*Fig. 33G*



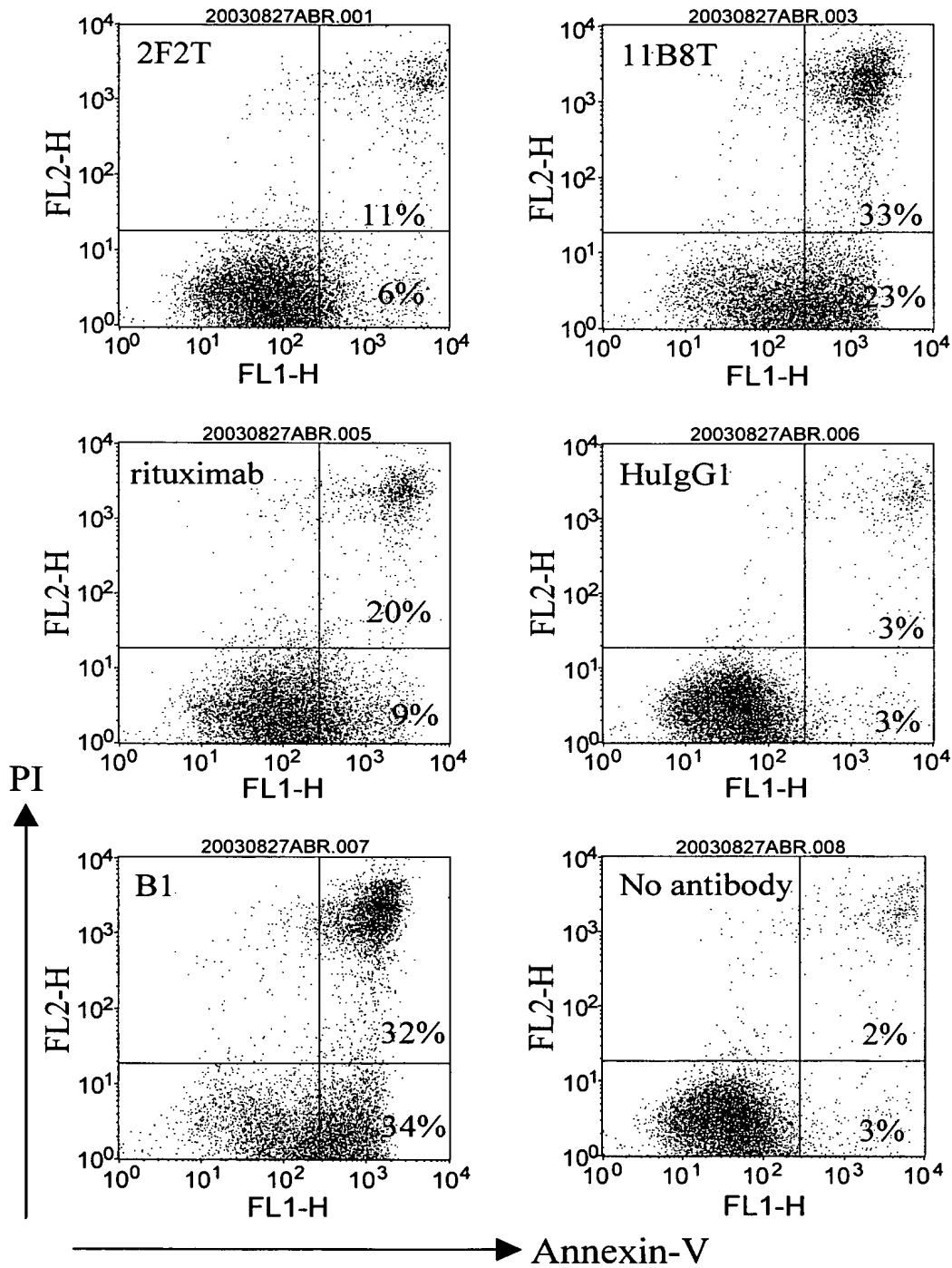
*Fig. 34*

40/65

*Fig. 35A*



41/65

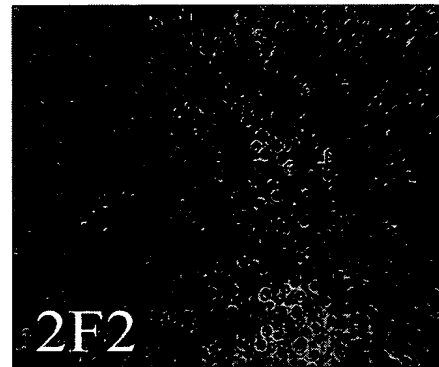
*Fig. 35B*

42/65

Homotypic adhesion of Ramos cells.



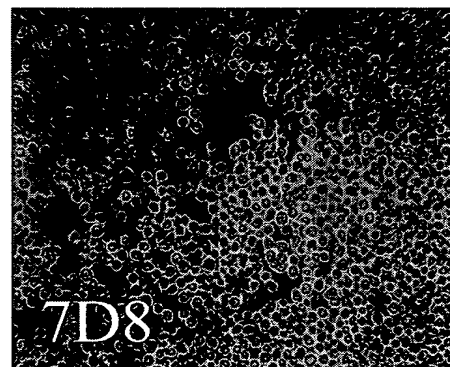
*Fig. 36A*



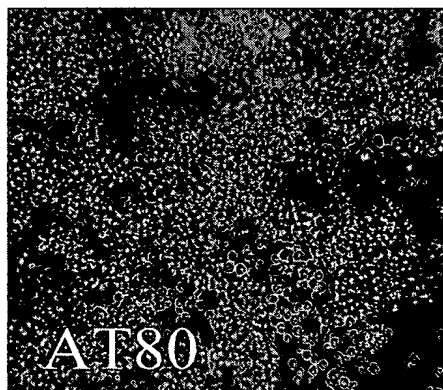
*Fig. 36B*



*Fig. 36C*

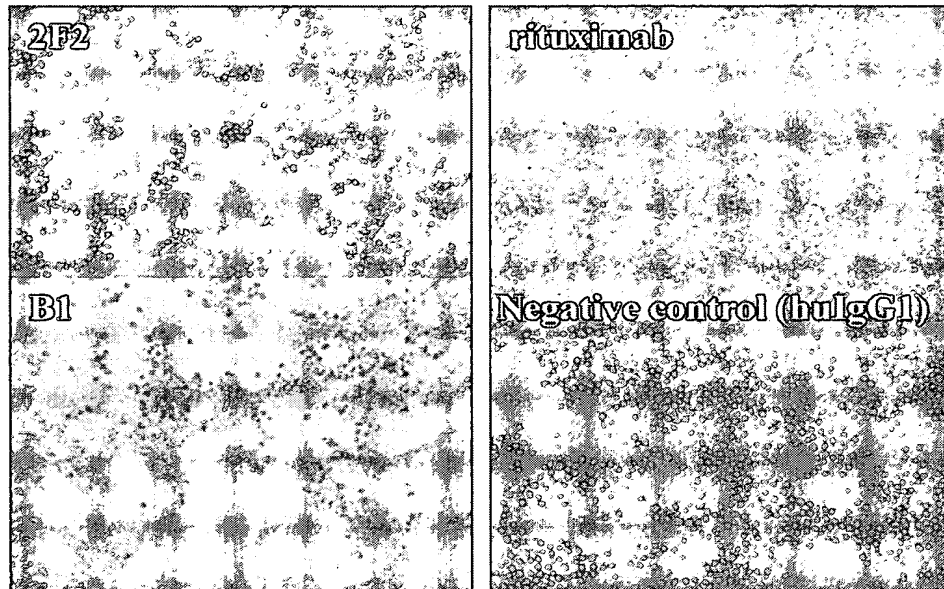


*Fig. 36D*



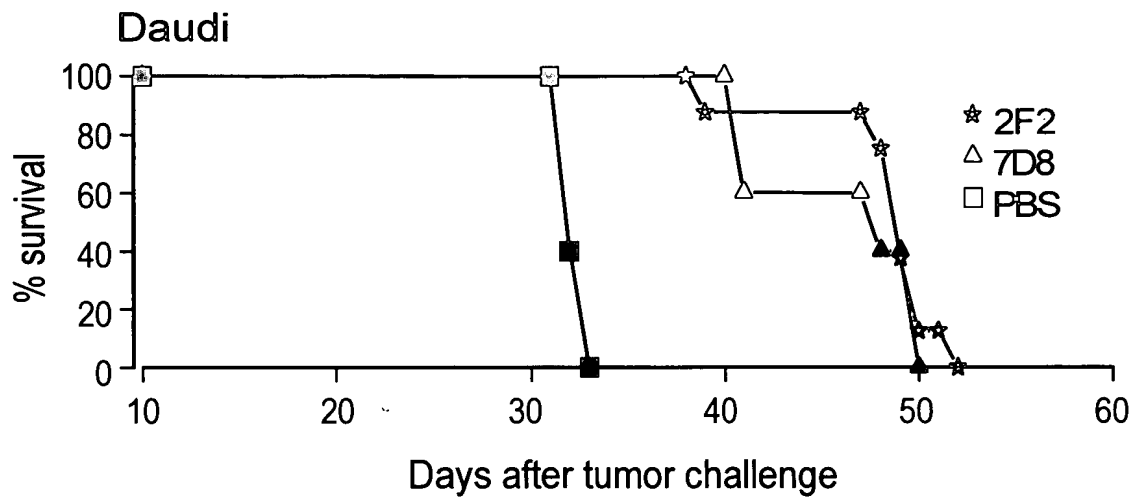
*Fig. 36E*

43/65

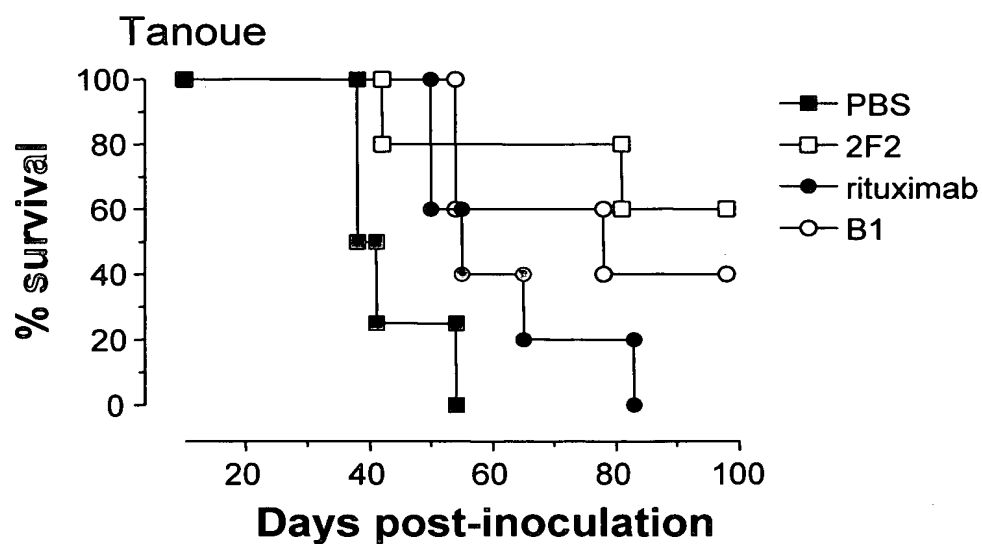


*Fig. 37*

44/65

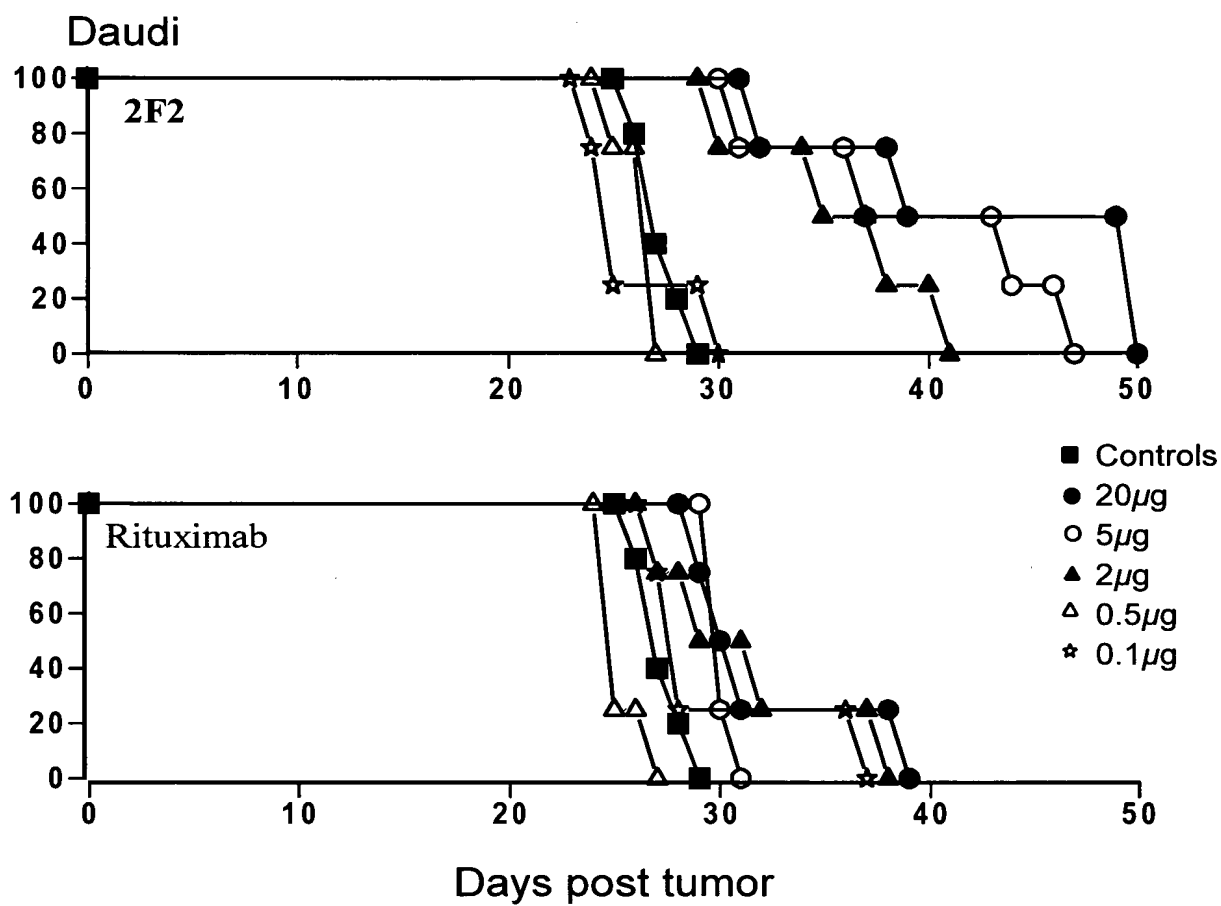


*Fig. 38*

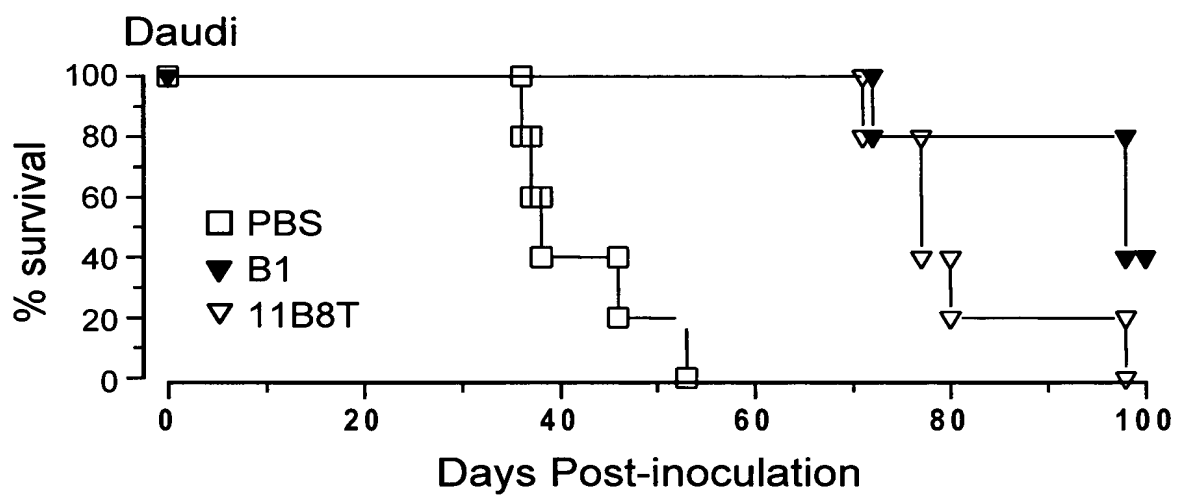


*Fig. 39*

45/65

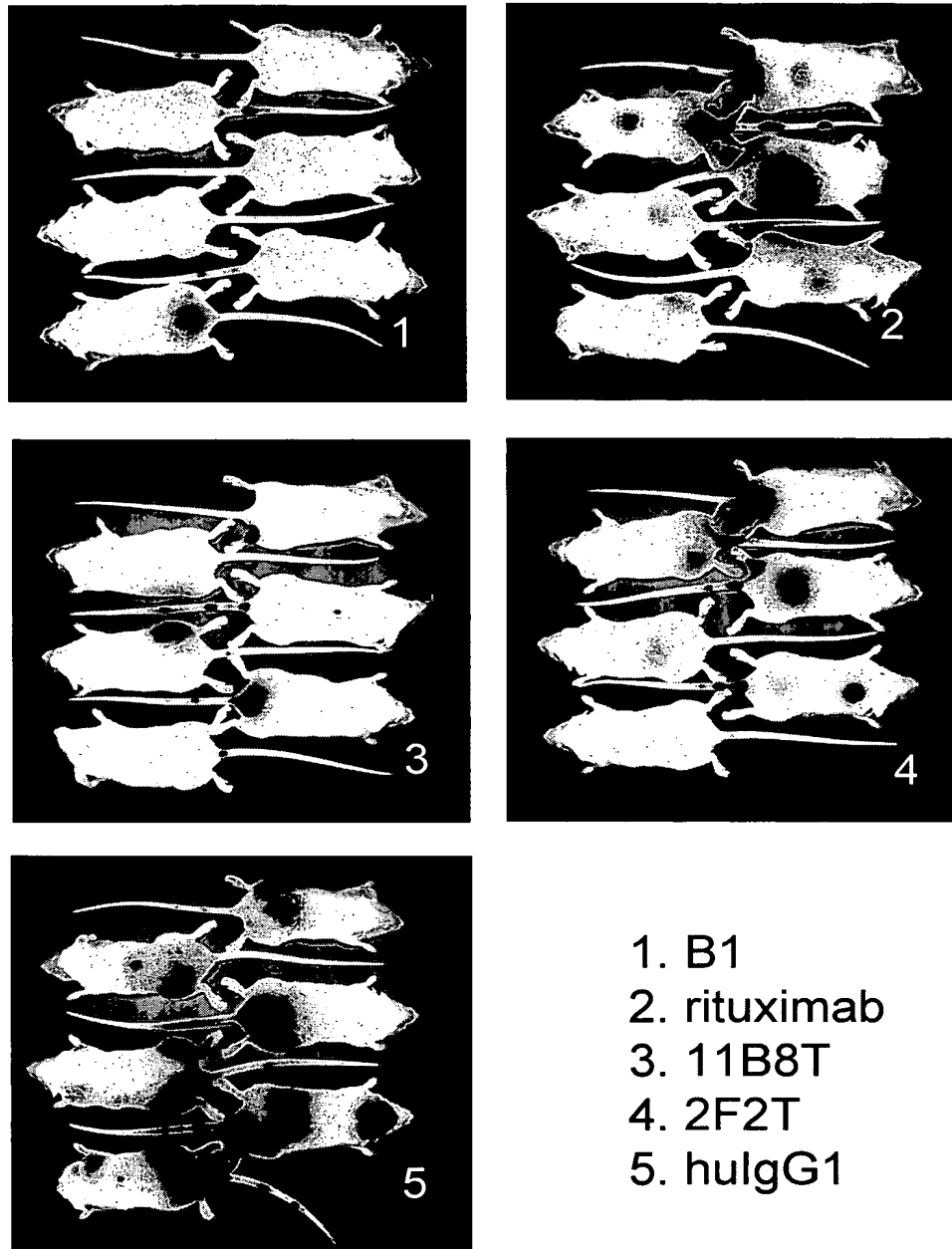
*Fig. 40*

46/65

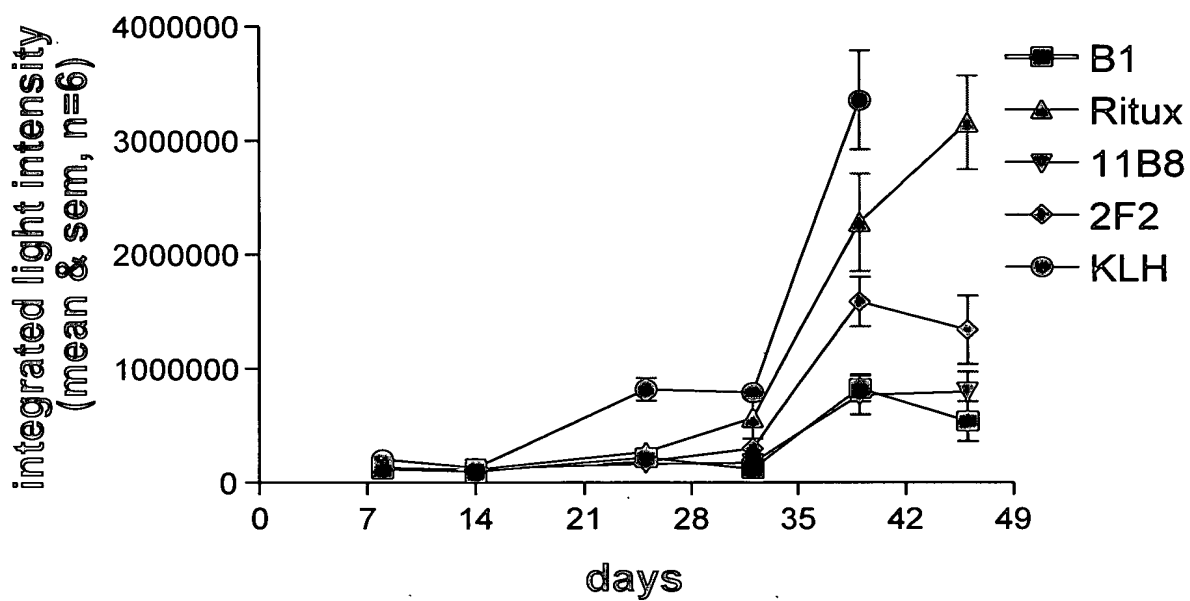


*Fig. 41*

47/65

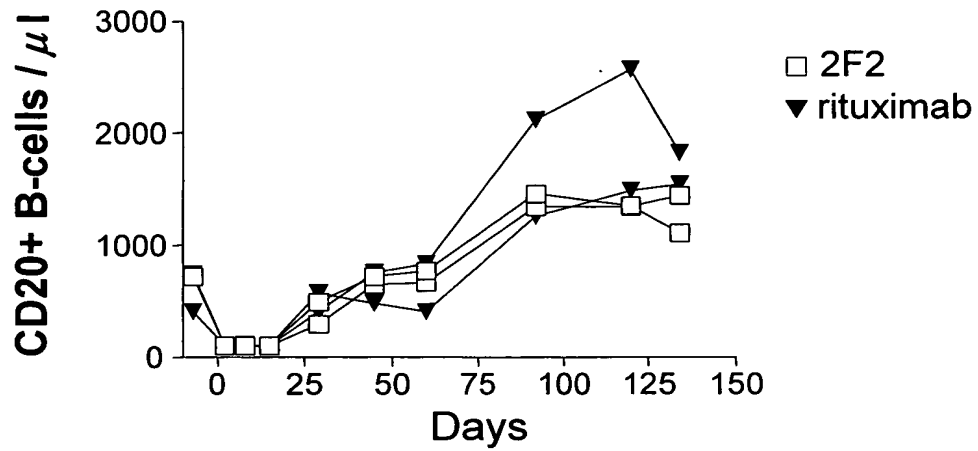
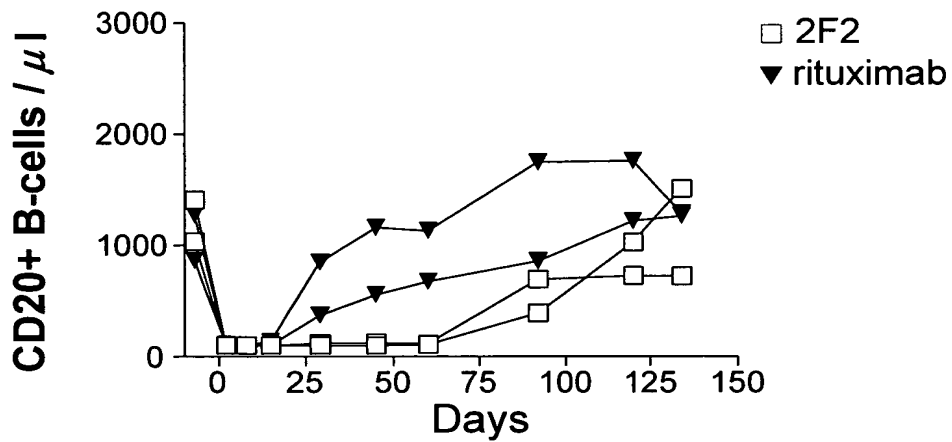
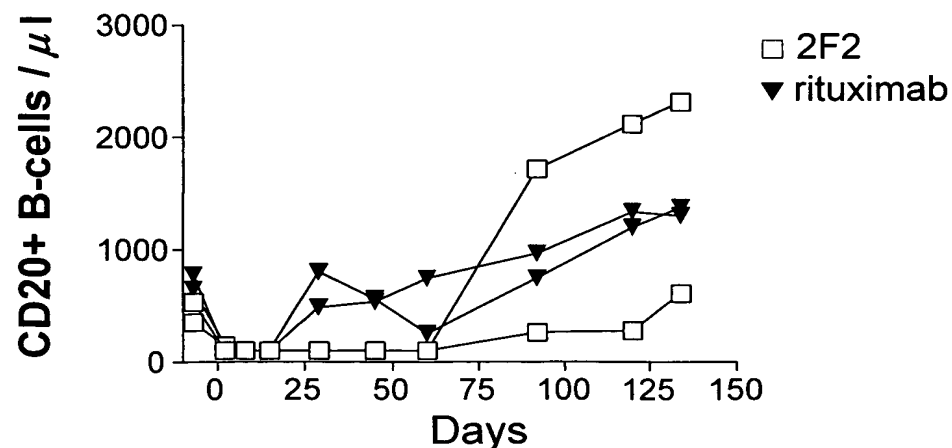
*Fig. 42*

48/65

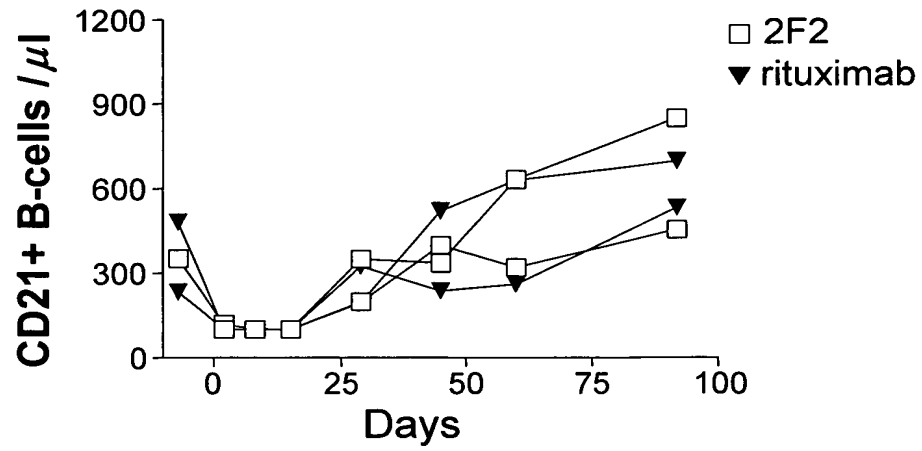


*Fig. 43*

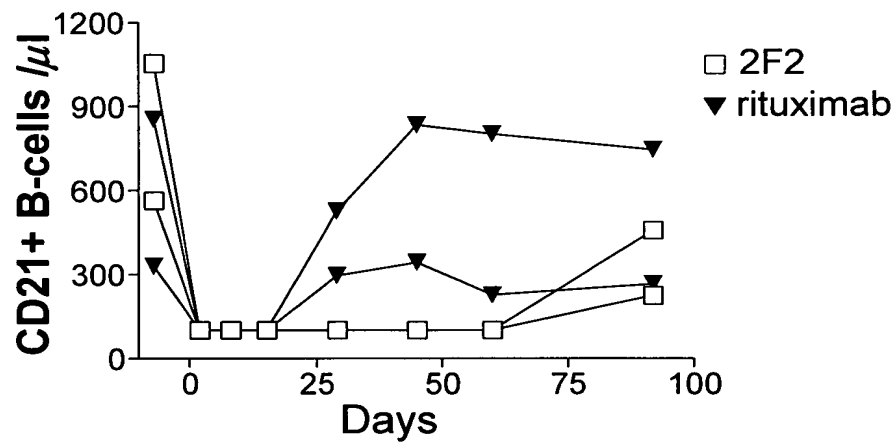


**49/65***Fig. 44A**Fig. 44B**Fig. 44C*

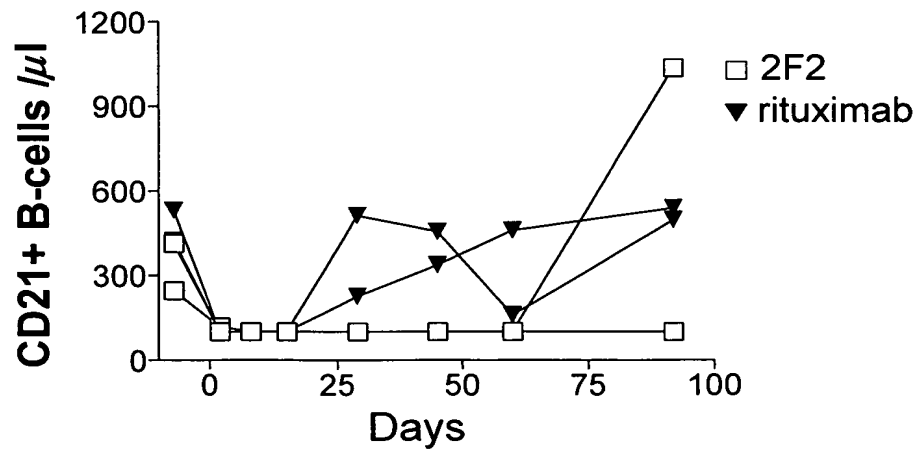
50/65



*Fig. 45A*

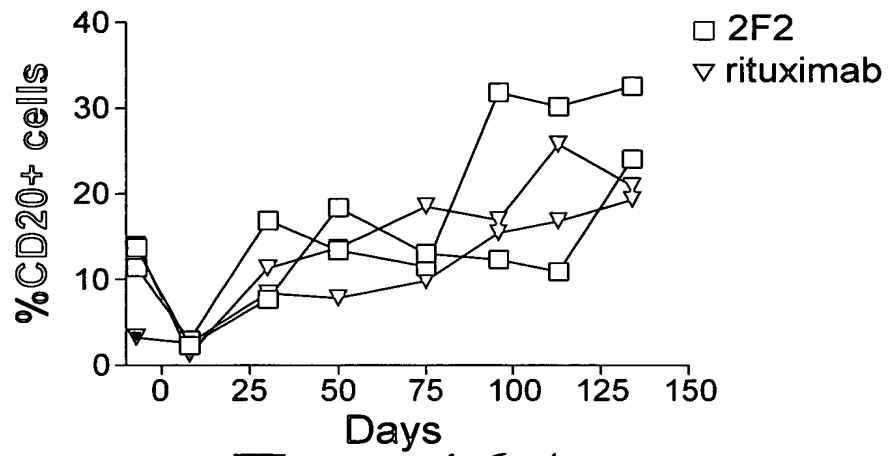
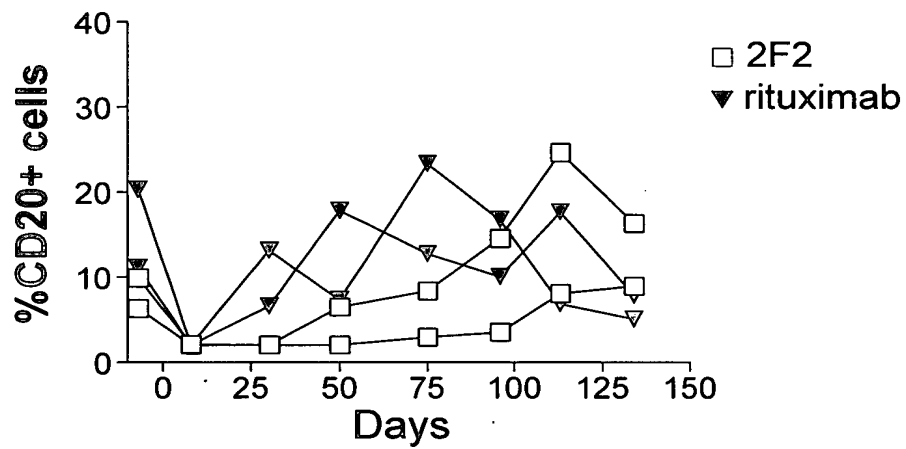
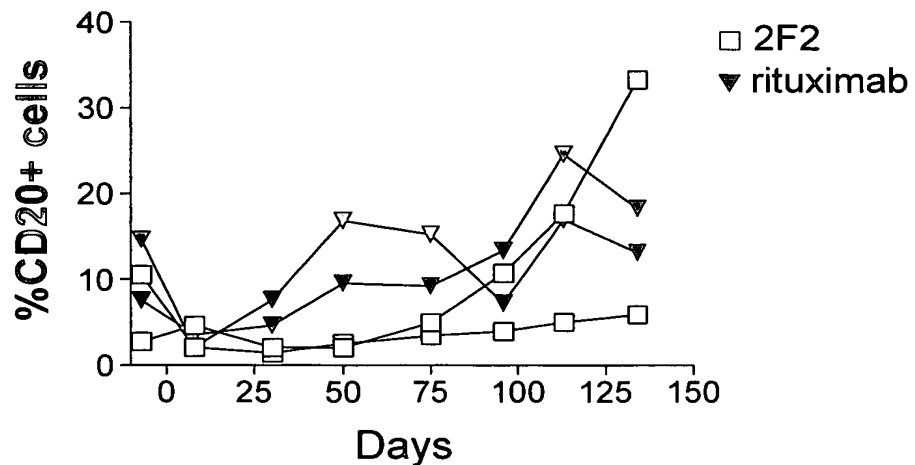


*Fig. 45B*

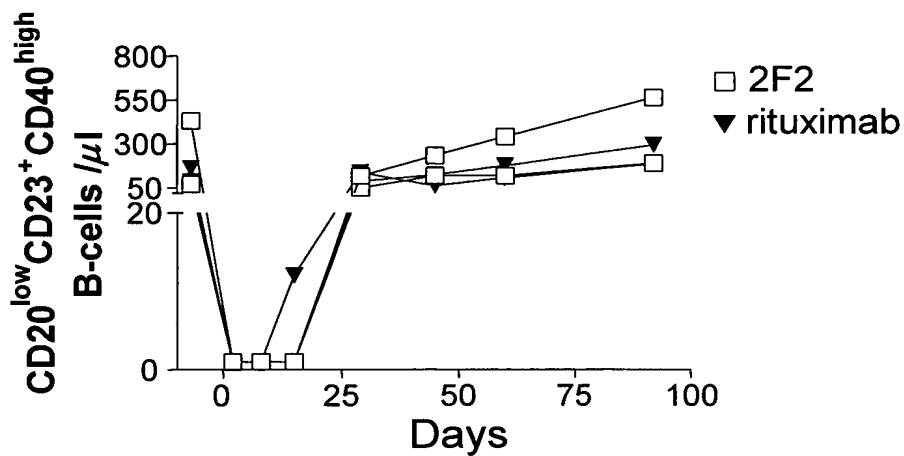


*Fig. 45C*

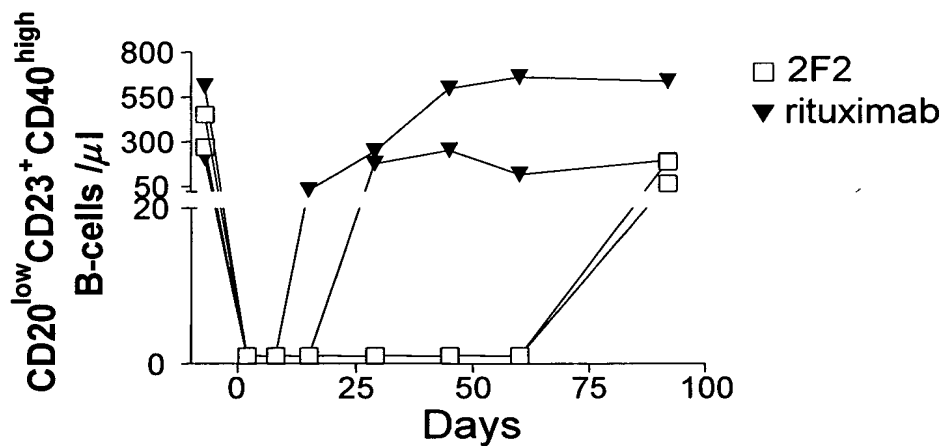
51/65

*Fig. 46A**Fig. 46B**Fig. 46C*

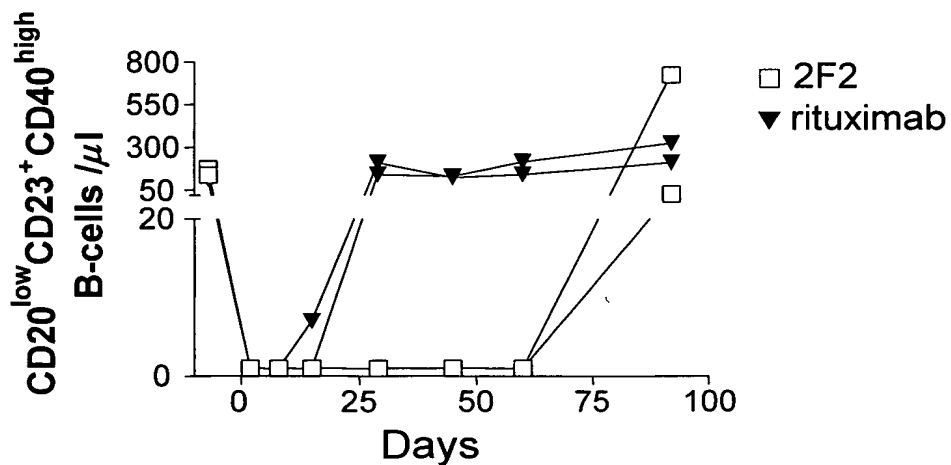
52/65



*Fig. 47B*

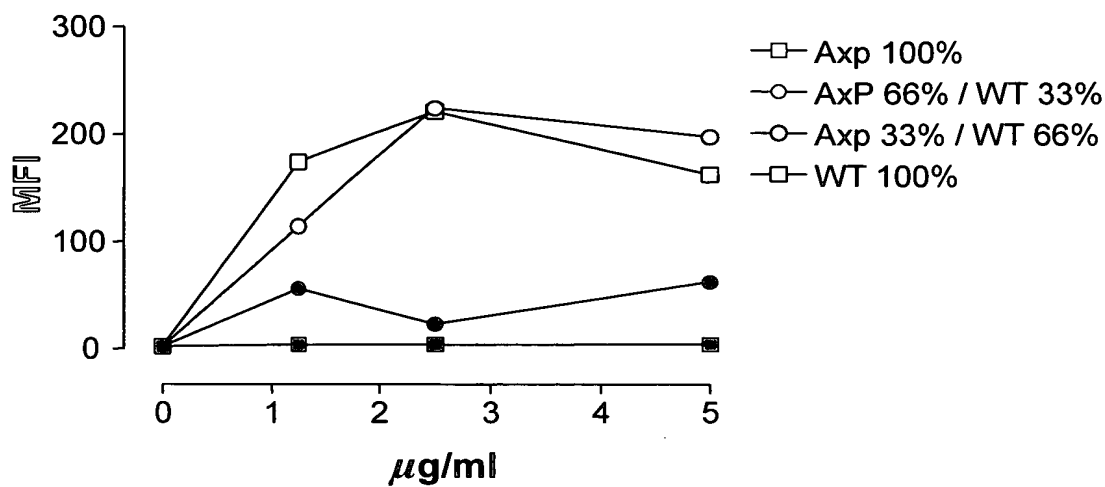


*Fig. 47B*

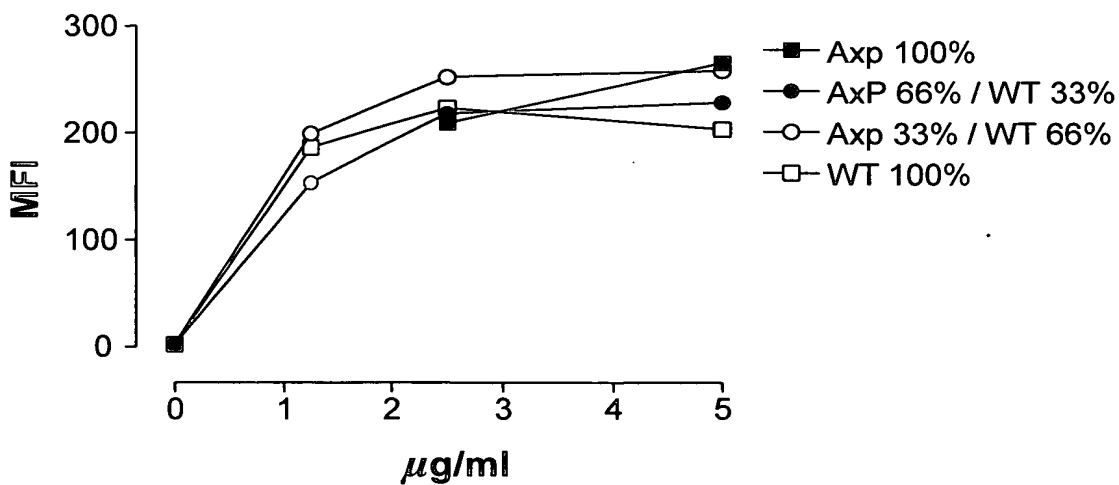


*Fig. 47C*

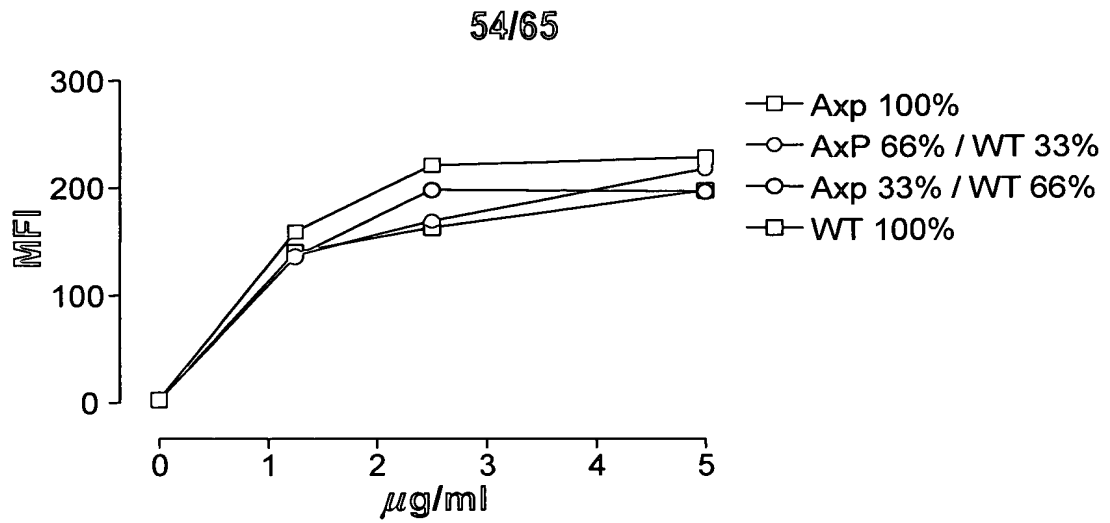
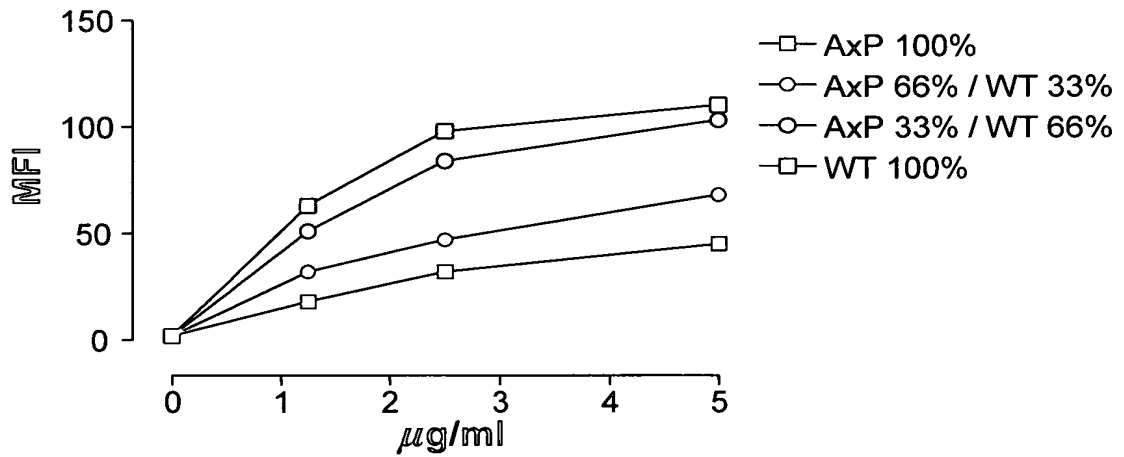
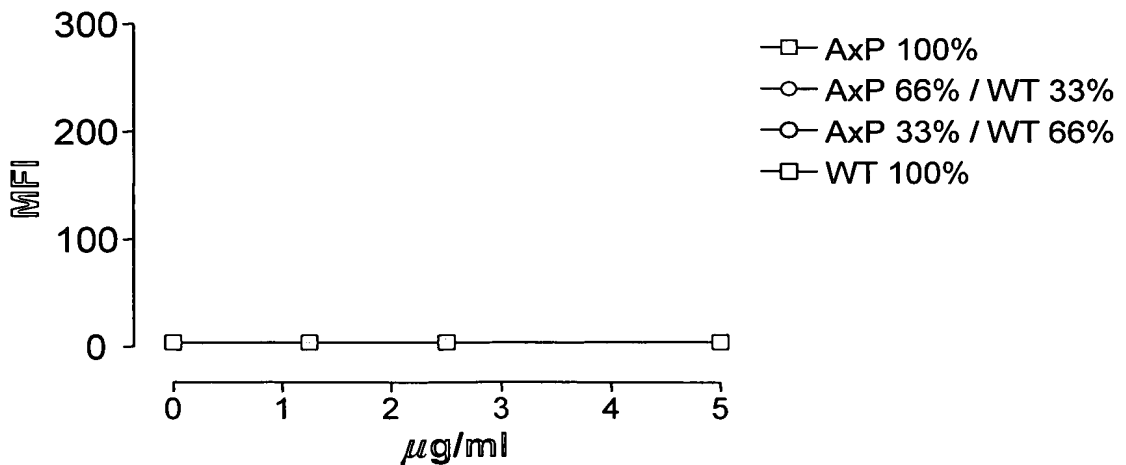
53/65



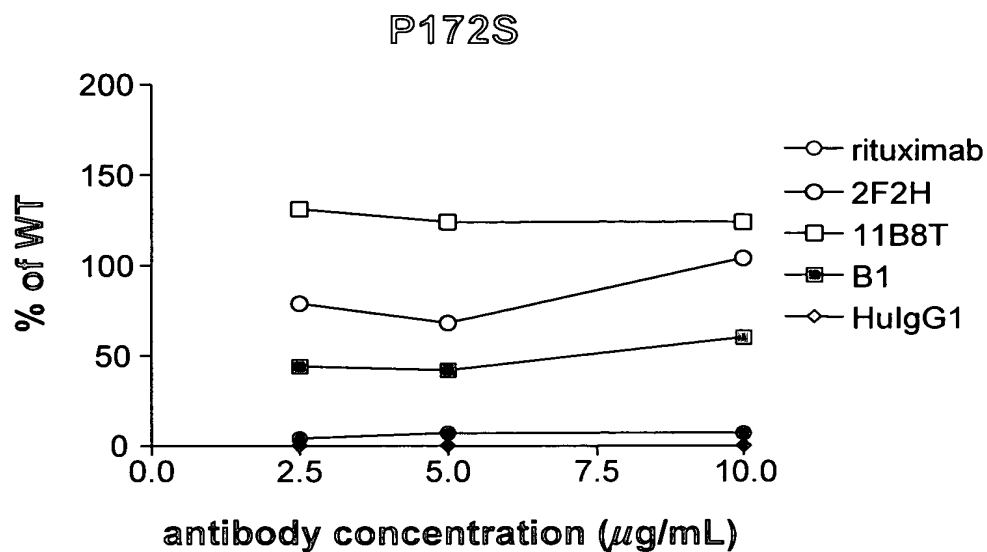
*Fig. 48A*



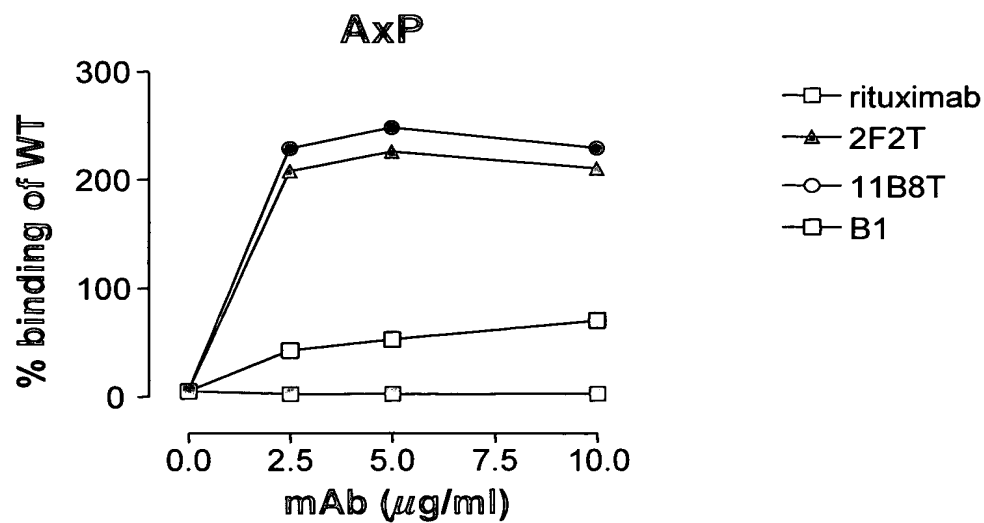
*Fig. 48B*

*Fig. 48C**Fig. 48D**Fig. 48E*

55/65

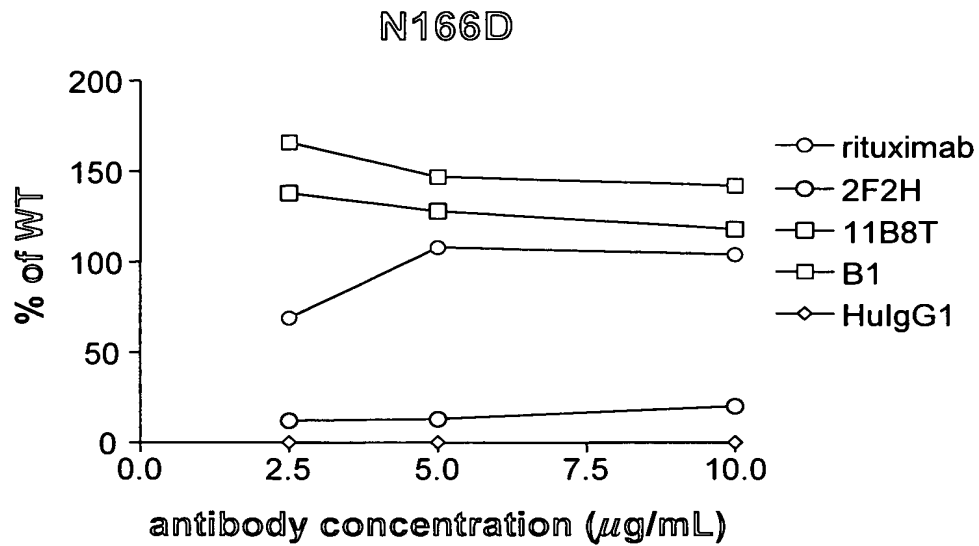


*Fig. 49A*

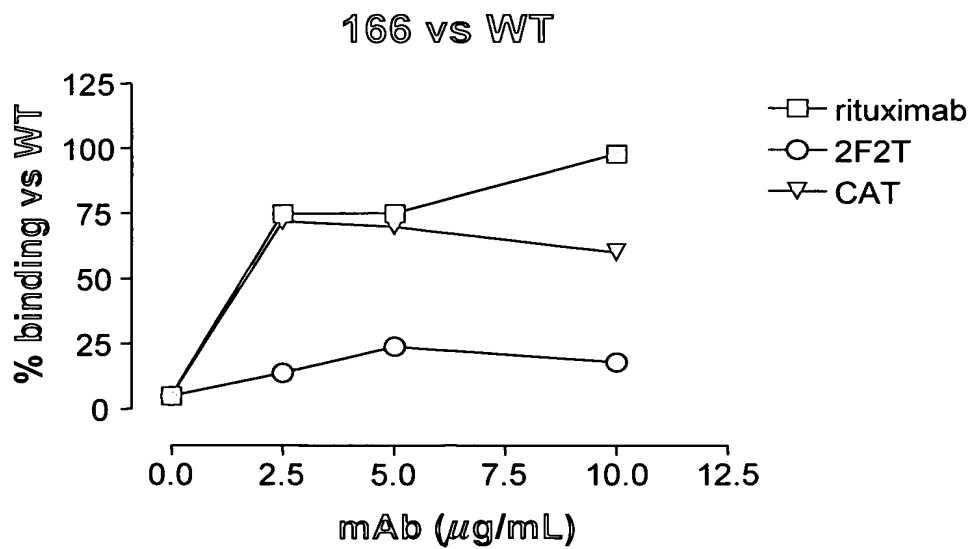


*Fig. 49B*

56/65



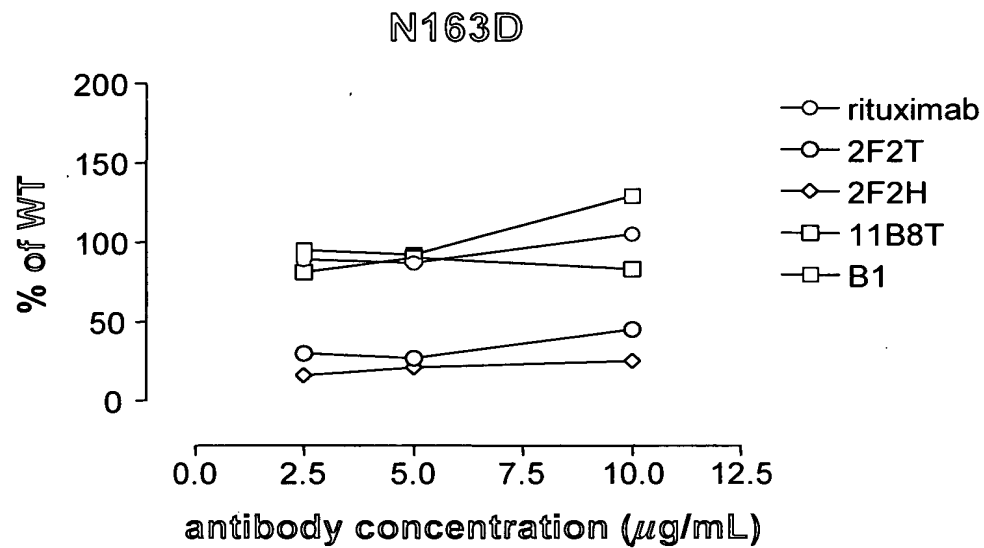
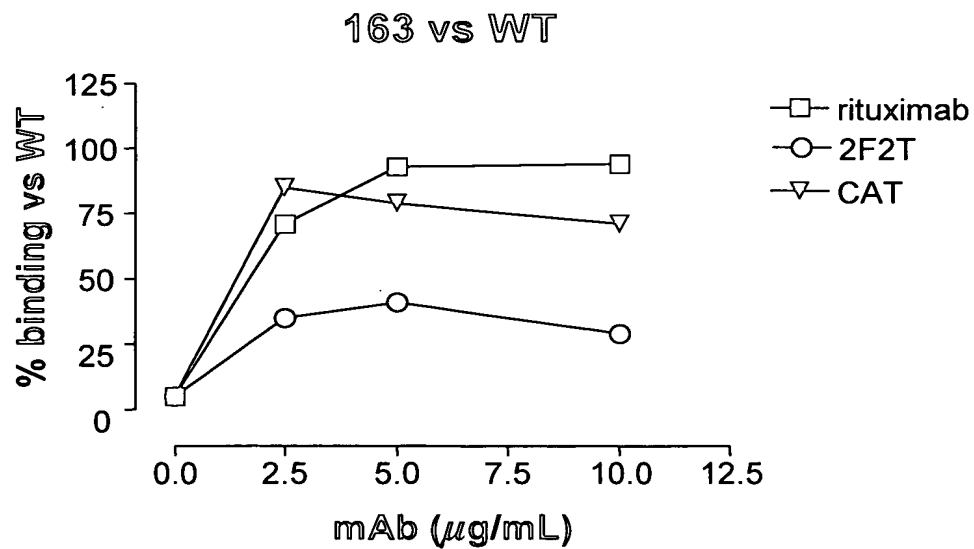
*Fig. 49C*

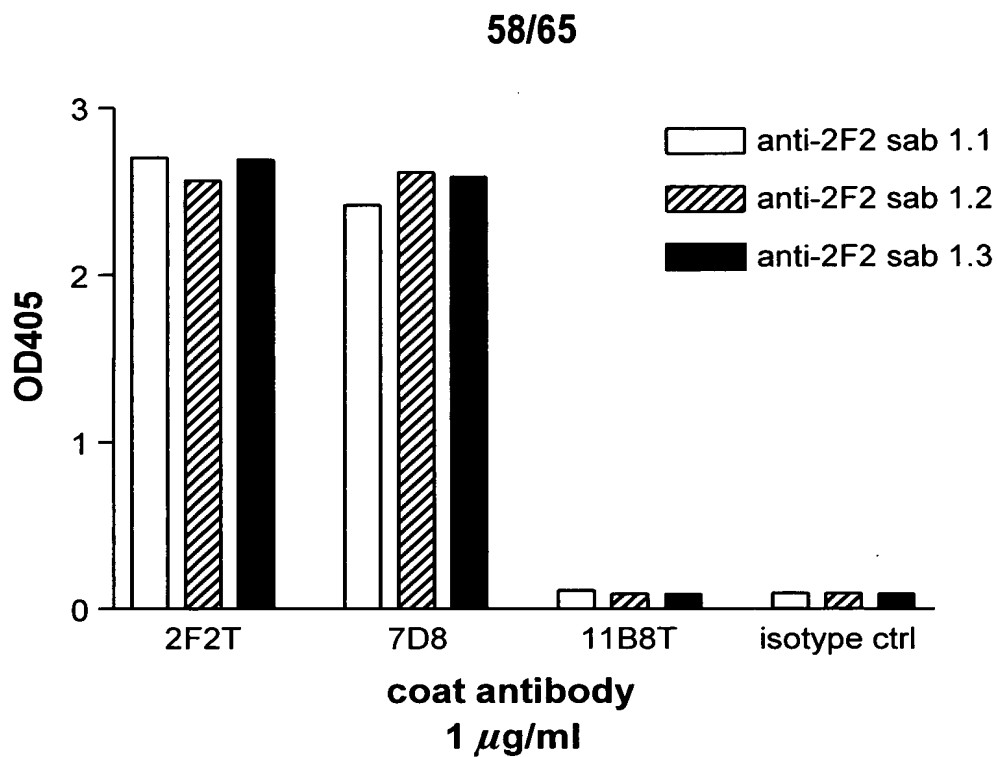


*Fig. 49D*

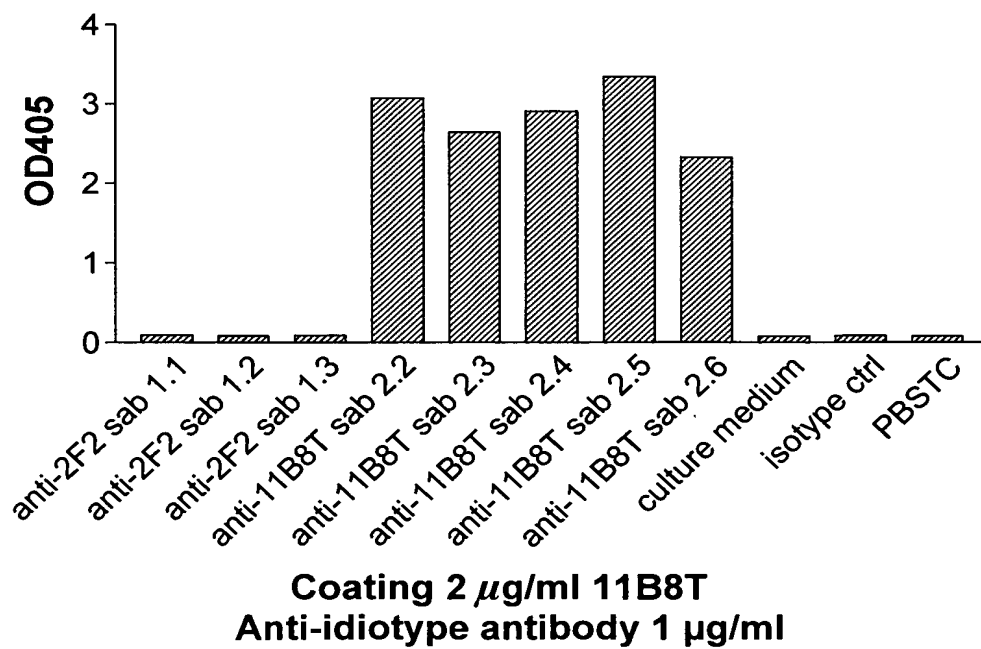


57/65

*Fig. 49E**Fig. 49F*

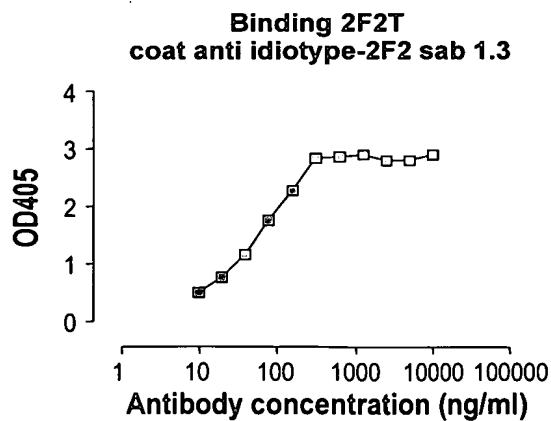
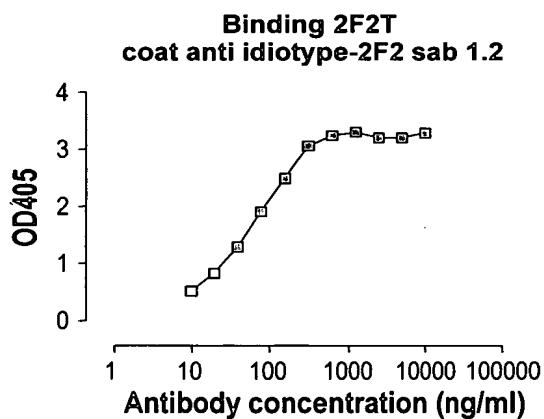
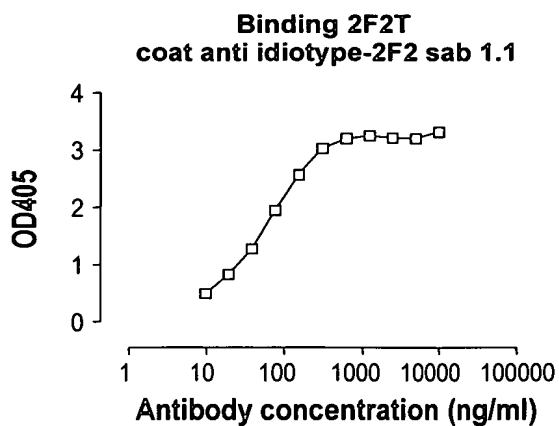


*Fig. 50*



*Fig. 51*

59/65

*Fig. 52*

60/65

Translation of 2F2 VH

1 MFLGLSWIFL LAILKGVQCE VQLVESGGGL VQGRSLRLS CAASGFTFND  
51 YAMHWVRQAP GKGLEWVSTI SWNSGSIGYA DSVKGRFTIS RDNAKKSLYL  
101 QMNSLRAEDT ALYYCAKDIO YGNYYYGMDV WGQTTVTVS S

Translation of 2F2VL

1 MEAPAQLLFL LLLWLPDTTG EIVLTQSPAT LSLSPGERAT LSCRASQSVS  
51 SYLAWYQQKPGAPRLLIYD ASNRATGIPA RFGSGSGTD FTLTISLSP  
101 EDFAVYYCQQ RSNWPEITFGQ GTRLEIK

CDR1  
CDR2  
CDR3

Fig. 53

61/65

2F2 VH

```
1  ATGGAG TTGGGA CTGAGC TGGATT TTCCTT TTGGCT ATTTA AAAGGT GTCCAG
55  TGTGAA GTGCAG CTGGTG GAGTCT GGGGA GGCTTG GTACAG CCTGGC AGGTCC
109 CTGAGA CTCTCC TGTGCA GCCTCT GGATTC ACCTTT AATGAT TATGCC ATGCAC
163 TGGGTC CGGCAA GCTCCA GGAAG GGCCTG GAGTGG GTCTCA ACTATT AGTGG
217 AATAGT GGTTC ATAGGC TATGCG GACTCT GTGAAG GGCCGA TTCACC ATCTCC
271 AGAGAC AACGCC AAGAAG TCCCTG TATCTG CAAATG AACAGT CTGAGA GCTGAG
325 GACACG GCCTTG TATTAC TGTGCA AAAGAT ATACAG TACGGC AACTAC TACTAC
379 GGTATG GACGTC TGGGCG CAAGGG ACCACG GTCACC GTCTCC TCAG
```

2F2VL

```
1  ATGGAA GCCCCA GCTCAG CTTCTC TTCCTC CTGCTA CTCTGG CTCCCA GATACC
55  ACCGGA GAAATT GTGTTG ACACAG TCTCCA GCCACC CTGTCT TTGTCT CCAGGG
109 GAAAGA GCCACC CTCCTC TGCAGG GCCAGT CAGAGT GTTAGC AGCTAC TTAGCC
163 TGGTAC CAACAG AAACCT GGCCAG GCTCCC AGGCTC CTCATC TATGAT GCATCC
217 AACAGG GCCACT GGCATC CCAGCC AGGTTT CGTGGC AGTGGG TCTGGG ACAGAC
271 TTCACT CTCACC ATCAGC AGCCTA GAGCCT GAAGAT TTTGCA GTTTAT TACTGT
325 CAGCAG CGTAGC AACTGG CCGATC ACCTTC GGCCAA GGGACA CGACTG GAGATT
379 AAAC
```

Fig. 54

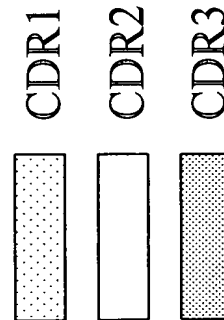
62/65

**Translation of 7D8VH**

1 MELGLSWIFL LAILKGVQCE VQLVESGGGL VQPDRLRLS CAASGFTFHD  
51 YAMHWVRQAP GKGLEWVSTI SWNSGTIGYA DSVKGRFTIS RDNAKNSLYL  
101 QMNSLRAEDT ALYCAKDIQYGNVYYGMDV WGQGTITVTS S

**Translation of 7D8VL**

1 MEAPAQLLFL LLLWLPDTTG EIVLTQSPAT LSLSPGERAT LSCRASQSVS  
51 SYLAWYQQKPGQAPRLLIYD ASNRTGIPARFSGSGGTDFLTISPLEP  
101 EDFAVYCCQPSNWFITFGQ GTRLEIK



*Fig. 55*

63/65

## 7D8VH

```
1  ATGGAG TTGGGA CTGAGC TGGATT TTCCTT TTGGCT ATTTTA AAAGGT GTCCAG
55  TGTGAA GTGCAG CTGGTG GAGTCT GGGGA  GGCTTG GTACAG CCTGAC AGGTCC
109 CTGAGA CTCTCC TGTGCA GCCTCT GGATTC ACCTTT CATGAT TATGCC ATGCAC
163 TGGGTC CGGCAA GCTCCA GGAAG  GGCCTG GAGTGG GTCTCA ACTATT AGTTGG
217 AATAGT GGTACC ATAGGC TATGCG GACTCT GTGAAG GGCCGA TTCACC ATCTCC
271 AGAGAC ACGCC  AAGAAC TCCCTG TATCTG CAAATG AACAGT CTGAGA GCTGAG
325 GACACG GCCTTG TATTAC TGTGCA AAAGAT ATACAG TACGGC AACATC TACTAC
379 GGTATG GACGTC TGGGCG CAAGGG ACCACG GTCACC GTCTCC TCAG
```

## 7D8VH

```
1  ATGGAA GCCCCA GCTCAG CTTCTC TTCCTC CTGCTA CTCTGG CTCCCA GATACC
55  ACCGGA GAAATT GTGTTG ACACAG TCTCCA GCCACC CTGTCT TTGTCT CCAGGG
109 GAAAGA GCCACC CTCTCC TGCAGG GCCAGT CAGAGT GTTAGC AGCTAC TTAGCC
163 TGGTAC CAACAG AAACCT GGCCAG GCTCCC AGGCTC CTCATC TATGAT GCATCC
217 AACAGG GCCACT GGCATC CCAGCC AGGTC AGTGGC AGTGGG TCTGGG ACAGAC
271 TTCACT CTCACC ATCAGC AGCCTA GAGCCT GAAGAT TTGCA GTTTAT TACTGT
325 CAGCAG CGTAGC AACTGG CCGATC ACCTTC GGCCAA GGGACA CGACTG GAGATT
379 AAC
```

Fig. 56

64/65

Translation of VHCD2011B8

1 MELGLSWVFL VAILKGVQCE VQLVQSGGGL VHPGGSLRLS CTGSGFTFFSY  
51 EAMHWRQAP GKGLEWVSII GTGGVTYYAD SVKGRFTISR DNVKNSLYLQ  
101 MNSLRAEDMA VYYCARDYIG AGSEFYDGLYG MDVWGQGTIV TVSS

Translation of VLCD2011B8

1 MEAPAQLLFL LLLWLPDTTG EIVLTQSPAT LSLSPGERAT LSCRASQSVS  
51 SYIAWYQOKP GQAPRLIYD ASNRATGIPA RFGSGSGTD FTLTISSELP  
101 EDFAVYYCQQRSDWPLIFGG GTKVEIK

CDR1

CDR2

CDR3

Fig. 57



65/65

VHCD2011B8

```
1  ATGGAG TTGGGG CTGAGC TGGGTT TTCCCTT GTTGCT ATATTA AAAGGT GTCCAG
55  TGTGAG GTTCAG CTGGTG CAGTCT GGGGGA GGCTTG GTACAT CCTGGG GGGTCC
109 CTGAGA CTCTCC TGTACA GGCTCT GGATTC ACCTTC AGTTAC CATGCT ATGCAT
163 TGGGTT CGCCAG GCTCCA GGAAAA GGCTG GAATGG GTATCA ATTATT GGGACT
217 GGTGGT GTCACA TACTAT GCAGAC TCCGTG AAGGGC CGATTC ACCATC TCCAGA
271 GACAAT GTCAAG AACTCC TTGTAT CTTCAA ATGAAC AGCCTG AGAGCC GAGGAC
325 ATGGCT GTGTAT TACTGT GCAAGA GATTAC TATGGT GCGGGG AGTTT TATGAC
379 GGCCTC TACGGT ATGGAC GTCTGG GGCCAA GGGACC ACGGTC ACCGTC TCCTCA
433 G
```

VLCD2011B8

```
1  ATGGAA GCCCCA GCACAG CTTCTC TTCCCTC CTGCTA CTCTGG CTCCCA GATACC
55  ACCGGA GAAATT GTGTTG ACACAG TCTCCA GCCACC CTGTCT TTGTCT CCAGGG
109 GAAAGA GCCACC CTCCTC TGCAGG GCCAGT CAGAGT GTTAGC AGCTAC TTAGCC
163 TGGTAC CAACAG AAACCT GGCCAG GCTCCC AGGCTC CTCATC TATGAT GCATCC
217 AACAGG GCCACT GGCAAT CCAGCC AGGTTT AGTGGC AGTGGG TCTGGG ACAGAC
271 TTCACT CTCACC ATCAGC AGCCTA GAGCCT GAAGAT TTGCA GTTTAT TACTGT
325 CAGCAG CGTAGC GACTGG CCGCTC ACTTTC GCGGGA GGGACC AAGGTG GAGATC
379 AAAC
```

Fig. 58